PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-4154-00002/01743
Mod 0 Effective Date: 05/24/2013 Expiration Date: 05/23/2018

Mod 1 Effective Date: 10/10/2014 Expiration Date: 05/23/2018

Mod 2 Effective Date: 12/16/2014 Expiration Date: 05/23/2018

Permit Issued To:MPM SILICONES LLC
260 HUDSON RIVER RD
WATERFORD, NY 12188

Contact: JOSHUA SPAIN
MPM SILICONES
260 HUDSON RIVER RD
WATERFORD, NY 12188
(518) 233-2217

Facility: MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
WATERFORD, NY 12188

Contact: RUTH YEOMANS
MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
WATERFORD, NY 12188
(518) 233-5075

Description:
Momentive Performance Materials operates a silicone production facility (sic 2821) located in Saratoga County, New York, in the town of Waterford. The plant is approximately 12 miles north of Albany. The site produces silicone products and other materials including resins, fluids, dispersions, emulsions, heat curing elastomers, room temperature vulcanizing (rtv) elastomers and fumed silica. The site has continuous and batch chemicals processes, compounding, finishing and packaging operations, and steam generation capability.

Major emissions include: Carbon Monoxide (CO), Sulfur Dioxide (SO2), Volatile Organic Compounds (VOCs), Hazardous Air Pollutants (HAPs), Oxides of Nitrogen (NOx), Particulate Mater (PM) and Particulate Mater less than 10 microns (PM-10).

Emission unit listing and a brief description:

C-27018: This unit consists of the following production areas: Methyl Chloride, Gaseous

Dihydrolysis (GDH), Liquid Dihydrolysis (LDH), Siloxane Oil, the Area 38 tank farm, the B30 Polykettle systems, and the B24A MQ Resin system. The unit also includes the following control devices and their associated equipment: the MCS Vent Incinerator, MCS Vent Scrubber, the Fixed Box (#2) Hazardous Waste Incinerator, and the Rotary Kiln Hazardous Waste Incinerator. Sources in this unit include storage tanks, distillation columns, process vessels, Synthetic Organic Chemical Manufacturing Industry (SOCMI) distillation columns, SOCMI reactors, and SOCMI wastewater. Applicable regulations for unit C-27018 include: the Hazardous Organic NESHAP (HON) under 40 CFR 63 Subparts F, G, and H, the Hazardous Waste Incinerator MACT under 40 CFR 63 Subpart EEE, the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, New Source Performance Standards (NSPS) for SOCMI distillation columns (40 CFR 60 Subpart NNN), SOCMI reactors (40 CFR 60 Subpart RRR), and volatile organic liquid (VOL) storage tanks (40 CFR 60 Subpart Kb), Volatile Organic Compound Reasonably Available Control Technology (VOC RACT) under 6 NYCRR Subpart 212, sulfur fuel limitations under 6 NYCRR Subpart 225, VOC RACT for storage tanks under 6 NYCRR Subpart 229,and State Air Toxics under 6 NYCRR Subpart 212.

C-27035: Emission unit C-27035 is comprised of several aboveground storage tanks that are used to store acids. All of the tanks are located in the HCL Tank Farm. All but one of the tanks vents to a packed tower water scrubber (EP27035). One tank vents to an eductor (EP27039) which is piped to the chemical process sewer. The emission unit also contains three locations within the tank farm, which allow for scrapping of acid to the chemical process sewer. The applicable regulations are the State Air Toxics under 6 NYCRR Subpart 212, the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, and New Source Performance Standards (NSPS) for volatile organic liquid (VOL) storage tanks under 40 CFR 60 Subpart Kb.

C-61007: Emission unit C-61007 includes the Silicon Grinding and Fines Passivation area. In the area, Silicon Grinding area, silicon metal is ground, screened, and transferred to silos. In the Fines Passivation area, mixers are used to mix fines to neutralize and harden the material. Processes include mixers, dust collectors, and an unloading station. Applicable regulations for this unit include emissions limitations for capping under Prevention of Significant Deterioration (40 CFR Subpart 52), the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, and particulate emissions limitations under 6 NYCRR 212.

C-62008: Emission unit C-62008 includes all equipment associated with the methylchlorosilane (MCS) reactor systems (MCS II system, MCS III system and MCS IV system) that are not associated with the control devices in unit C-27018. Sources include process vessels, feed hoppers, and hot oil furnaces. Applicable regulations for this unit include emissions limitations for capping under Prevention of Significant Deterioration (40 CFR Subpart 52) and Non-Attainment New Source Review under 6 NYCRR 231-2, the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, and particulate limitations under 6 NYCRR 212.

C-62014: This unit consists of sources in the Trichlorosilanes (TCS) and Fumed Silica production areas. The TCS area currently consists of exempt sources. The Fumed Silica area consists of a scrubber and various solids handling equipment. Applicable regulations include State Air Toxics under 6 NYCRR Subpart 212 and the Hydrochloric Acid Production MACT under NNNNN.

EGNRTR: This unit consists of emergency generator sources. They are subject to the Reciprocating Industrial Combustion Engine MACT of 40 CFR 63 Subpart ZZZZ.

F-INISH: This unit consists of intermediate and final production of silicone products and materials, including resins, fluids, dispersions, emulsions, heat curing elastomers, room temperature vulcanizing (rtv) elastomers, sealants, and treated fumed silica. Also includes various maintenance shops and individual maintenance sources (such as degreasers). Process sources include storage vessels, batch reactors, process tanks, mixers, feed hoppers, filter presses, drumming operations, liquid add stations, process strippers, unloading stations, packaging operations, maintenance degreasers, and all of the associated control equipment. Applicable regulations include the following: emissions limitations for capping under Prevention of Significant Deterioration (40 CFR Subpart 52) and Non-Attainment New Source Review under 6 NYCRR 231-2, New Source Performance Standards (NSPS) for volatile organic liquid (VOL) storage tanks under 40 CFR 60 Subpart Kb, Volatile Organic Compound Reasonably Available Control Technology (VOC RACT) under 6 NYCRR Subpart 212, State Air Toxics under 6 NYCRR Subpart 212, VOC RACT for Storage Tanks Under 6 NYCRR 229, the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, and VOC RACT for Part Cleaners under 6 NYCRR 226.

H-OFURN: This unit consists of the plant'ot oil furnaces not associated with MCS. These furnaces are subject to 6 NYCRR 227 and the Industrial Boiler MACT .

T-13004: Unit 13004 consists of various pilot plant processes located in Building 13. Sources include process vessels, filters, and local extraction discharges. The applicable regulations include State Air Toxics under 6 NYCRR Subpart 212.

T-14009: This unit consists of equipment in the facility's Pilot Plant, located in Buildings 14, 15 and 16. The Pilot Plant makes developmental/experimental products for evaluation, and scaled-down batches of problem production grades to develop process adjustments. Scaled down batches of commercial products are also made here. Processes are small-volume sources including process vessels, strippers, distillation columns, mixers, and reactors. The applicable regulations include State Air Toxics under 6 NYCRR Subpart 212.

U-28002: Emission Unit U28002 consists of Boilers 13 and 18 and a #2 Fuel Oil storage tank. Applicable regulations include emissions limitations for capping under Prevention of Significant Deterioration (40 CFR Subpart 52) and Non-Attainment New Source Review under 6 NYCRR 231-2, New Source Performance Standards (NSPS) for volatile organic liquid (VOL) storage tanks under 40 CFR 60 Subpart Kb, NSPS regulations for industrial boilers under 40 CFR 60 Subpart Db, NOx RACT under 6 NYCRR 227-2, particulate limitations under 6 NYCRR 227-1, NOx Budget regulations under 6 NYCRR 227-3 and 204, the Industrial Boiler MACT, and fuel limitations for sulfur under 6 NYCRR 225.

U-28003: Emission Unit U28003 consists of boilers 14, 15, 16, and 17. Applicable regulations include Prevention of Significant Deterioration (40 CFR Subpart 52) and Non-Attainment New Source Review under 6 NYCRR 231-2, NOx RACT under 6 NYCRR 227-2, particulate limitations under 6 NYCRR 227-1, the Industrial Boiler MACT, and fuel limitations for sulfur under 6 NYCRR 225.

W-97004: This emission unit is the wastewater treatment process system of the waste handling area. The wastewater treatment plant is a physical/chemical treatment system consisting of pH neutralization, oil and grease separation, clarification, and air stripping operations. The applicable regulations are New Source Performance Standards (NSPS) for Volatile Organic Liquid (VOL) storage tanks under 40 CFR 60 Subpart Kb, State Air Toxics under 6 NYCRR Subpart 212, the Miscellaneous Organic NESHAP under 40 CFR Subpart FFFF, and Volatile Organic Compound Reasonably Available Control Technology (VOC RACT)under 6 NYCRR Subpart 212.

E-LISTS: This emission unit exist strictly to make this permit more readable. It consists of a list of Sources, Points and/or Processes which are subject to a specified regulation. This saves listing of these sources (1 per line for numerous pages) in a mannor which simply takes up paper and makes the permit unreadable.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: KEVIN R BLISS
NYSDEC - WARRENSBURG SUBOFFICE
232 GOLF COURSE RD
WARRENSBURG, NY 12885-1172

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

LIST OF CONDITIONS

DEC GENERAL CONDITIONS
General Provisions
Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for permit renewals, modifications and transfers
Permit modifications, suspensions or revocations by the Department
Facility Level
Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:
The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by

the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

a) materially false or inaccurate statements in the permit application or supporting papers;
b) failure by the permittee to comply with any terms or conditions of the permit;
c) exceeding the scope of the project as described in the permit application;
d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:
Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:MPM SILICONES LLC
260 HUDSON RIVER RD
WATERFORD, NY 12188

Facility: MOMENTIVE PERFORMANCE MATERIALS
260 HUDSON RIVER RD
WATERFORD, NY 12188

Authorized Activity By Standard Industrial Classification Code:
2819 - INDUSTRIAL INORGANIC CHEMICALS
2821 - PLASTICS MATERIALS AND RESINS
2822 - SYNTHETIC RUBBER
2869 - INDUSTRIAL ORGANIC CHEMICALS,NEC

Mod 0 Permit Effective Date: 05/24/2013 Permit Expiration Date: 05/23/2018

Mod 1 Permit Effective Date: 10/10/2014 Permit Expiration Date: 05/23/2018

Mod 2 Permit Effective Date: 12/16/2014 Permit Expiration Date: 05/23/2018

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 200.6: Acceptable Ambient Air Quality
2 6 NYCRR 201-6.4 (a) (7): Fees
3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
6 6 NYCRR 201-6.4 (e): Compliance Certification
7 6 NYCRR 202-2.1: Compliance Certification
8 6 NYCRR 202-2.5: Recordkeeping requirements
9 6 NYCRR 215.2: Open Fires - Prohibitions
10 6 NYCRR 200.7: Maintenance of Equipment
11 6 NYCRR 201-1.7: Recycling and Salvage
12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
18 6 NYCRR 202-1.1: Required Emissions Tests
19 40 CFR Part 68: Accidental release provisions.
20 40CFR 82, Subpart F: Recycling and Emissions Reduction
1-1 6 NYCRR 200.7: Compliance Certification
1-2 6 NYCRR 200.7: Compliance Certification
23 6 NYCRR Subpart 201-6: Emission Unit Definition
24 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
25 6 NYCRR 201-6.4 (f): Compliance Certification
*26 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*27 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*28 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*29 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*30 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*31 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*32 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*33 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*34 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
*36 6 NYCRR Subpart 201-7: Capping Monitoring Condition
37 6 NYCRR 211.1: Air pollution prohibited
38 6 NYCRR Part 212: Compliance Certification
39 6 NYCRR 212.2: Compliance Certification
40 6 NYCRR 212.3 (a): Compliance Certification
41 6 NYCRR 212.4 (a): Compliance Certification
42 6 NYCRR 212.4 (b): Compliance Certification
43 6 NYCRR 212.4 (c): Compliance Certification

44 6 NYCRR 212.5 (d): Compliance Certification
45 6 NYCRR 212.6 (a): Compliance Certification
2-1 6 NYCRR 212.9 (b): Compliance Certification
1-3 6 NYCRR 212.9 (b): Compliance Certification
46 6 NYCRR 212.9 (b): Compliance Certification
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63 6 NYCRR 212.10 (a) (2): Compliance Certification
64 6 NYCRR 212.10 (a) (2): Compliance Certification
1-4 6 NYCRR 212.10 (c) (4) (i): Compliance Certification
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81 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
82 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
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84 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
85 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
86 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
1-6 6 NYCRR 225-1.2 (f): Compliance Certification
1-7 6 NYCRR 225-1.2 (g): Compliance Certification
1-8 6 NYCRR 225-1.2 (h): Compliance Certification
88 6 NYCRR Part 226: Compliance Certification
90 6 NYCRR 227-1.3 (a): Compliance Certification
91 6 NYCRR 227-2.4 (a) (1): Compliance Certification
1-9 6 NYCRR 227-2.4 (b) (1): Compliance Certification
1-10 6 NYCRR 227-2.4 (c) (1): Compliance Certification
94 6 NYCRR 227-2.4 (c) (1): Compliance Certification

95 6 NYCRR 227-2.6: Compliance Certification
97 6 NYCRR 229.3 (e) (2) (iv): Compliance Certification
98 6 NYCRR 229.3 (e) (2) (iv): Compliance Certification
99 6 NYCRR 229.3 (e) (2) (iv): Compliance Certification
100 6 NYCRR 229.3 (e) (2) (v): Compliance Certification
101 6 NYCRR 229.5 (d): Compliance Certification
102 6 NYCRR 231-2.6: Compliance Certification
103 6 NYCRR 231-2.6: Compliance Certification
104 6 NYCRR 231-2.6: Compliance Certification
105 6 NYCRR 231-2.6: Compliance Certification
106 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
107 6 NYCRR 243-1.6 (d): Excess emission requirements
108 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
109 6 NYCRR 243-8.1: General requirements
110 6 NYCRR 243-8.1: Prohibitions
111 6 NYCRR 243-8.3: Out of control periods
112 6 NYCRR 243-8.5 (d): Quarterly reports
113 6 NYCRR 243-8.5 (e): Compliance certification
114 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
115 40CFR 60.7(a), NSPS Subpart A: Compliance Certification
116 40CFR 60.7(b), NSPS Subpart A: Compliance Certification
117 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
118 40CFR 60.7(d), NSPS Subpart A: Compliance Certification
119 40CFR 60.7(f), NSPS Subpart A: Compliance Certification
120 40CFR 60.12, NSPS Subpart A: Compliance Certification
121 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
122 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
123 40CFR 60.44b(h), NSPS Subpart Db: Compliance Certification
124 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification
125 40CFR 60.48b(f), NSPS Subpart Db: Compliance Certification
126 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
127 40CFR 60.112b(a)(3), NSPS Subpart Kb: Compliance Certification
128 40CFR 60.113b(c), NSPS Subpart Kb: Compliance Certification
129 40CFR 60.115b(c), NSPS Subpart Kb: Compliance Certification
130 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification
131 40CFR 60.662(a), NSPS Subpart NNN: Compliance Certification
132 40CFR 60.663(a), NSPS Subpart NNN: Compliance Certification
133 40CFR 60.665, NSPS Subpart NNN: Compliance Certification
134 40CFR 60.702(a), NSPS Subpart RRR: Compliance Certification
135 40CFR 61, NESHAP Subpart A: Applicability of General Provisions of 40 CFR 61 Subpart A
136 40CFR 61.145, NESHAP Subpart M: Demolition and Renovation
137 40CFR 63.6(e)(1), Subpart A: Operations during startup, shutdown, and malfunction - §63.6(e)(1)(i)-(iii)
138 40CFR 63.6(e)(1)(i), Subpart A: Operation and Maintenance Requirements
139 40CFR 63.6(e)(3), Subpart A: Startup, Shutdown and Malfunction
140 40CFR 63.6(f)(1), Subpart A: Compliance Certification
141 40CFR 63.6(f)(2)(i), Subpart A: Compliance Certification
142 40CFR 63.6(f)(2)(ii), Subpart A: Compliance Certification
143 40CFR 63.102(a)(2), Subpart F: Compliance Certification
144 40CFR 63.102(a)(2), Subpart F: Compliance Certification
145 40CFR 63.104, Subpart F: Compliance Certification

146 40CFR 63.104, Subpart F: Compliance Certification
147 40CFR 63.105, Subpart F: Compliance Certification
148 40CFR 63.105, Subpart F: Compliance Certification
149 40CFR 63.113, Subpart G: Compliance Certification
150 40CFR 63.113(a)(2), Subpart G: Compliance Certification
151 40CFR 63.113(b), Subpart G: Compliance Certification
152 40CFR 63.114, Subpart G: Compliance Certification
153 40CFR 63.114(a)(1)(i), Subpart G: Compliance Certification
154 40CFR 63.114(a)(1)(i), Subpart G: Compliance Certification
155 40CFR 63.114(a)(3), Subpart G: Compliance Certification
156 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
157 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
158 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
159 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
160 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
161 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
162 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
163 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
164 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
165 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
166 40CFR 63.119(b), Subpart G: Compliance Certification
167 40CFR 63.119(e), Subpart G: Compliance Certification
168 40CFR 63.123(a), Subpart G: Compliance Certification
169 40CFR 63.132(a)(3), Subpart G: Compliance Certification
170 40CFR 63.132(f), Subpart G: Compliance Certification
171 40CFR 63.133(a)(1), Subpart G: Compliance Certification
172 40CFR 63.133(a)(1), Subpart G: Compliance Certification
173 40CFR 63.133(a)(2), Subpart G: Compliance Certification
174 40CFR 63.133(f), Subpart G: Compliance Certification
175 40CFR 63.135(b), Subpart G: Compliance Certification
176 40CFR 63.135(b), Subpart G: Compliance Certification
177 40CFR 63.135(b), Subpart G: Compliance Certification
178 40CFR 63.135(c), Subpart G: Compliance Certification
179 40CFR 63.135(e), Subpart G: Compliance Certification
180 40CFR 63.135(f), Subpart G: Compliance Certification
181 40CFR 63.136, Subpart G: Compliance Certification
182 40CFR 63.138(a), Subpart G: Compliance Certification
183 40CFR 63.138(k), Subpart G: Compliance Certification
184 40CFR 63.139(b), Subpart G: Compliance Certification
185 40CFR 63.139(c), Subpart G: Compliance Certification
186 40CFR 63.139(f), Subpart G: Compliance Certification
187 40CFR 63.140, Subpart G: Compliance Certification
188 40CFR 63.143(e), Subpart G: Compliance Certification
189 40CFR 63.143(g), Subpart G: Compliance Certification
190 40CFR 63.145(h), Subpart G: Compliance Certification
191 40CFR 63.146(b), Subpart G: Compliance Certification
192 40CFR 63.147, Subpart G: Compliance Certification
193 40CFR 63.148, Subpart G: Compliance Certification
194 40CFR 63.148(b)(1), Subpart G: Compliance Certification
195 40CFR 63.148(d), Subpart G: Compliance Certification
196 40CFR 63.148(e), Subpart G: Compliance Certification
197 40CFR 63.148(i), Subpart G: Compliance Certification

198 40CFR 63.148(j), Subpart G: Compliance Certification
199 40CFR 63.152(d)(1), Subpart G: Compliance Certification
200 40CFR 63.160, Subpart H: Compliance Certification
202 40CFR 63.162(f), Subpart H: Compliance Certification
203 40CFR 63.162(f), Subpart H: Compliance Certification
204 40CFR 63.163(a), Subpart H: Compliance Certification
205 40CFR 63.163(b)(1), Subpart H: Compliance Certification
206 40CFR 63.163(b)(2), Subpart H: Compliance Certification
207 40CFR 63.163(b)(3), Subpart H: Compliance Certification
208 40CFR 63.163(d)(1), Subpart H: Compliance Certification
209 40CFR 63.164(i), Subpart H: Compliance Certification
210 40CFR 63.165(d)(2), Subpart H: Compliance Certification
211 40CFR 63.166, Subpart H: Compliance Certification
212 40CFR 63.167(a)(1), Subpart H: Compliance Certification
213 40CFR 63.167(b), Subpart H: Compliance Certification
214 40CFR 63.167(c), Subpart H: Compliance Certification
215 40CFR 63.167(d), Subpart H: Compliance Certification
216 40CFR 63.168(b), Subpart H: Compliance Certification
217 40CFR 63.168(f)(1), Subpart H: Compliance Certification
218 40CFR 63.168(h), Subpart H: Compliance Certification
219 40CFR 63.168(i), Subpart H: Compliance Certification
220 40CFR 63.171(a), Subpart H: Compliance Certification
221 40CFR 63.171(b), Subpart H: Compliance Certification
222 40CFR 63.171(c), Subpart H: Compliance Certification
223 40CFR 63.171(d), Subpart H: Compliance Certification
224 40CFR 63.171(e), Subpart H: Compliance Certification
225 40CFR 63.174(a), Subpart H: Compliance Certification
226 40CFR 63.174(c)(1)(i), Subpart H: Compliance Certification
227 40CFR 63.174(c)(2), Subpart H: Compliance Certification
228 40CFR 63.174(f), Subpart H: Compliance Certification
229 40CFR 63.174(g), Subpart H: Compliance Certification
230 40CFR 63.174(h)(1), Subpart H: Compliance Certification
231 40CFR 63.175, Subpart H: Compliance Certification
232 40CFR 63.181(a), Subpart H: Compliance Certification
233 40CFR 63.181(b), Subpart H: Compliance Certification
234 40CFR 63.181(c), Subpart H: Compliance Certification
235 40CFR 63.181(d), Subpart H: Compliance Certification
236 40CFR 63.181(f), Subpart H: Compliance Certification
237 40CFR 63.181(h), Subpart H: Compliance Certification
238 40CFR 63.182(d), Subpart H: Compliance Certification
239 40CFR 63.680(d), Subpart DD: Compliance Certification
240 40CFR 63.983(a), Subpart SS: Compliance Certification
241 40CFR 63.983(b), Subpart SS: Compliance Certification
242 40CFR 63.983(c), Subpart SS: Compliance Certification
243 40CFR 63.983(d), Subpart SS: Compliance Certification
244 40CFR 63.988(a), Subpart SS: Compliance Certification
245 40CFR 63.988(b), Subpart SS: Compliance Certification
246 40CFR 63.988(b), Subpart SS: Compliance Certification
247 40CFR 63.990(a), Subpart SS: Compliance Certification
248 40CFR 63.990(b), Subpart SS: Compliance Certification
249 40CFR 63.994(a)(2), Subpart SS: Compliance Certification
250 40CFR 63.994(b), Subpart SS: Compliance Certification

251 40CFR 63.994(b), Subpart SS: Compliance Certification
252 40CFR 63.996, Subpart SS: Compliance Certification
253 40CFR 63.996(d), Subpart SS: Compliance Certification
254 40CFR 63.998(a)(2), Subpart SS: Compliance Certification
255 40CFR 63.998(a)(2), Subpart SS: Compliance Certification
256 40CFR 63.998(b), Subpart SS: Compliance Certification
257 40CFR 63.998(c), Subpart SS: Compliance Certification
258 40CFR 63.998(c)(1), Subpart SS: Compliance Certification
259 40CFR 63.998(c)(2), Subpart SS: Compliance Certification
260 40CFR 63.998(d)(1), Subpart SS: Compliance Certification
261 40CFR 63.1019, Subpart UU: Compliance Certification
262 40CFR 63.1022, Subpart UU: Compliance Certification
263 40CFR 63.1023(a), Subpart UU: Compliance Certification
264 40CFR 63.1023(b), Subpart UU: Compliance Certification
265 40CFR 63.1023(c), Subpart UU: Compliance Certification
266 40CFR 63.1023(e), Subpart UU: Compliance Certification
267 40CFR 63.1024(a), Subpart UU: Compliance Certification
268 40CFR 63.1024(c), Subpart UU: Compliance Certification
269 40CFR 63.1024(d), Subpart UU: Compliance Certification
270 40CFR 63.1024(e), Subpart UU: Compliance Certification
271 40CFR 63.1024(f), Subpart UU: Compliance Certification
272 40CFR 63.1025(b), Subpart UU: Compliance Certification
273 40CFR 63.1025(c), Subpart UU: Compliance Certification
274 40CFR 63.1025(d), Subpart UU: Compliance Certification
275 40CFR 63.1025(e)(1), Subpart UU: Compliance Certification
276 40CFR 63.1025(e)(2), Subpart UU: Compliance Certification
277 40CFR 63.1025(e)(3), Subpart UU: Compliance Certification
278 40CFR 63.1026, Subpart UU: Compliance Certification
279 40CFR 63.1026(b)(4), Subpart UU: Compliance Certification
280 40CFR 63.1026(b)(4), Subpart UU: Compliance Certification
281 40CFR 63.1026(e), Subpart UU: Compliance Certification
282 40CFR 63.1027(b), Subpart UU: Compliance Certification
283 40CFR 63.1027(e)(1), Subpart UU: Compliance Certification
284 40CFR 63.1027(e)(2), Subpart UU: Compliance Certification
285 40CFR 63.1028, Subpart UU: Compliance Certification
286 40CFR 63.1028, Subpart UU: Compliance Certification
287 40CFR 63.1029, Subpart UU: Compliance Certification
288 40CFR 63.1030, Subpart UU: Compliance Certification
289 40CFR 63.1031(f), Subpart UU: Compliance Certification
290 40CFR 63.1032, Subpart UU: Compliance Certification
291 40CFR 63.1033, Subpart UU: Compliance Certification
292 40CFR 63.1035, Subpart UU: Compliance Certification
293 40CFR 63.1036, Subpart UU: Compliance Certification
294 40CFR 63.1038(b), Subpart UU: Compliance Certification
295 40CFR 63.1038(c), Subpart UU: Compliance Certification
296 40CFR 63.1039(a), Subpart UU: Compliance Certification
297 40CFR 63.1039(b), Subpart UU: Compliance Certification
1-11 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
1-12 40CFR 63.7540(a), Subpart DDDDD: Compliance Certification
1-13 40CFR 63.7540(a), Subpart DDDDD: Compliance Certification
1-14 40CFR 63.7540(a), Subpart DDDDD: Compliance Certification
1-15 40CFR 63.7545(e), Subpart DDDDD: Compliance Certification

1-16 40CFR 63.7550(b), Subpart DDDDD: Compliance Certification
1-17 40CFR 63.1203(a)(1), Subpart EEE: Compliance Certification
1-18 40CFR 63.1203(a)(2), Subpart EEE: Compliance Certification
1-19 40CFR 63.1203(a)(3), Subpart EEE: Compliance Certification
1-20 40CFR 63.1203(a)(4), Subpart EEE: Compliance Certification
302 40CFR 63.1203(a)(5)(i), Subpart EEE: Compliance Certification
1-21 40CFR 63.1203(a)(6), Subpart EEE: Compliance Certification
1-22 40CFR 63.1203(a)(7), Subpart EEE: Compliance Certification
1-23 40CFR 63.1203(c)(1), Subpart EEE: Compliance Certification
306 40CFR 63.1203(c)(3)(ii), Subpart EEE: Compliance Certification
307 40CFR 63.1206(a)(1)(ii)('A'), Subpart EEE: Compliance Certification
308 40CFR 63.1206(b), Subpart EEE: Compliance Certification
309 40CFR 63.1206(c), Subpart EEE: Compliance Certification
310 40CFR 63.1206(c), Subpart EEE: Compliance Certification
311 40CFR 63.1207, Subpart EEE: Compliance Certification
312 40CFR 63.1209, Subpart EEE: Compliance Certification
313 40CFR 63.1209, Subpart EEE: Compliance Certification
317 40CFR 63.1209, Subpart EEE: Compliance Certification
318 40CFR 63.1209, Subpart EEE: Compliance Certification
319 40CFR 63.1209(a)(1)(i), Subpart EEE: Compliance Certification
320 40CFR 63.1209(a)(1)(iii), Subpart EEE: Compliance Certification
321 40CFR 63.1209(a)(2), Subpart EEE: Compliance Certification
322 40CFR 63.1209(a)(3)(i), Subpart EEE: Compliance Certification
323 40CFR 63.1209(a)(6)(i), Subpart EEE: Compliance Certification
324 40CFR 63.1209(a)(6)(ii), Subpart EEE: Compliance Certification
325 40CFR 63.1209(a)(6)(iii), Subpart EEE: Compliance Certification
326 40CFR 63.1209(a)(7), Subpart EEE: Compliance Certification
327 40CFR 63.1209(c)(1), Subpart EEE: Compliance Certification
328 40CFR 63.1209(c)(2), Subpart EEE: Compliance Certification
329 40CFR 63.1209(c)(4), Subpart EEE: Compliance Certification
330 40CFR 63.1209(j)(1), Subpart EEE: Compliance Certification
331 40CFR 63.1209(j)(1), Subpart EEE: Compliance Certification
332 40CFR 63.1209(j)(1), Subpart EEE: Compliance Certification
333 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
334 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
335 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
336 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
337 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
338 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
339 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
340 40CFR 63.1209(j)(3), Subpart EEE: Compliance Certification
341 40CFR 63.1209(j)(4), Subpart EEE: Compliance Certification
342 40CFR 63.1209(j)(4), Subpart EEE: Compliance Certification
343 40CFR 63.1209(j)(4), Subpart EEE: Compliance Certification
344 40CFR 63.1209(l)(1), Subpart EEE: Compliance Certification
345 40CFR 63.1209(l)(1), Subpart EEE: Compliance Certification
346 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
347 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
348 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
349 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
350 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
351 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification

352 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
353 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
354 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
355 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
356 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
357 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
358 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
359 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
360 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
361 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
362 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
363 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
364 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
365 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
366 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
367 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
368 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
369 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
370 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
371 40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE: Compliance Certification
372 40CFR 63.1209(m)(1)(i)('B')('2'), Subpart EEE: Compliance Certification
373 40CFR 63.1209(m)(1)(i)('B')('4'), Subpart EEE: Compliance Certification
374 40CFR 63.1209(m)(1)(i)('B')('4'), Subpart EEE: Compliance Certification
375 40CFR 63.1209(m)(3), Subpart EEE: Compliance Certification
376 40CFR 63.1209(m)(3), Subpart EEE: Compliance Certification
377 40CFR 63.1209(m)(3), Subpart EEE: Compliance Certification
378 40CFR 63.1209(n)(2), Subpart EEE: Compliance Certification
379 40CFR 63.1209(n)(2), Subpart EEE: Compliance Certification
380 40CFR 63.1209(n)(2)(ii), Subpart EEE: Compliance Certification
381 40CFR 63.1209(n)(4), Subpart EEE: Compliance Certification
382 40CFR 63.1209(n)(4), Subpart EEE: Compliance Certification
383 40CFR 63.1209(n)(4), Subpart EEE: Compliance Certification
384 40CFR 63.1209(o)(3)(ii), Subpart EEE: Compliance Certification
385 40CFR 63.1209(o)(3)(ii), Subpart EEE: Compliance Certification
1-24 40CFR 63.1209(o)(3)(iii), Subpart EEE: Compliance Certification
1-25 40CFR 63.1209(o)(3)(iii), Subpart EEE: Compliance Certification
1-26 40CFR 63.1209(o)(3)(iii), Subpart EEE: Compliance Certification
387 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
388 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
389 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
390 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
391 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
392 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
393 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
394 40CFR 63.1209(o)(3)(iv), Subpart EEE: Compliance Certification
395 40CFR 63.1209(o)(3)(v), Subpart EEE: Compliance Certification
396 40CFR 63.1209(o)(3)(v), Subpart EEE: Compliance Certification
397 40CFR 63.1209(o)(3)(v), Subpart EEE: Compliance Certification
398 40CFR 63.1209(o)(3)(v), Subpart EEE: Compliance Certification
399 40CFR 63.1209(o)(3)(v), Subpart EEE: Compliance Certification
2-2 40CFR 63.1209(p), Subpart EEE: Compliance Certification
2-3 40CFR 63.1209(p), Subpart EEE: Compliance Certification

400 40CFR 63.1209(p), Subpart EEE: Compliance Certification
402 40CFR 63.1210(a), Subpart EEE: Compliance Certification
403 40CFR 63.1210(b), Subpart EEE: Compliance Certification
404 40CFR 63.1210(d), Subpart EEE: Compliance Certification
1-28 40CFR 63.1211(a), Subpart EEE: Compliance Certification
405 40CFR 63.1211(a), Subpart EEE: Compliance Certification
406 40CFR 63.1211(a), Subpart EEE: Compliance Certification
407 40CFR 63.1211(a), Subpart EEE: Compliance Certification
408 40CFR 63.1211(a), Subpart EEE: Compliance Certification
409 40CFR 63.1211(b), Subpart EEE: Compliance Certification
410 40CFR 63.1211(b), Subpart EEE: Compliance Certification
411 40CFR 63.1211(b), Subpart EEE: Compliance Certification
412 40CFR 63.1211(c), Subpart EEE: Compliance Certification
413 40CFR 63.1219(a), Subpart EEE: Compliance Certification
414 40CFR 63.1219(a), Subpart EEE: Compliance Certification
415 40CFR 63.1219(a), Subpart EEE: Compliance Certification
416 40CFR 63.1219(a), Subpart EEE: Compliance Certification
417 40CFR 63.1219(a), Subpart EEE: Compliance Certification
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419 40CFR 63.1219(a), Subpart EEE: Compliance Certification
420 40CFR 63.1219(c)(1), Subpart EEE: Compliance Certification
421 40CFR 63.1219(c)(3)(ii), Subpart EEE: Compliance Certification
422 40CFR 63.1219(e), Subpart EEE: Compliance Certification
423 40CFR 63.2450(a), Subpart FFFF: Compliance Certification
424 40CFR 63.2450(b), Subpart FFFF: Compliance Certification
425 40CFR 63.2450(f), Subpart FFFF: Compliance Certification
426 40CFR 63.2450(h), Subpart FFFF: Compliance Certification
427 40CFR 63.2450(i), Subpart FFFF: Compliance Certification
428 40CFR 63.2450(j), Subpart FFFF: Compliance Certification
429 40CFR 63.2450(k), Subpart FFFF: Compliance Certification
430 40CFR 63.2450(l), Subpart FFFF: Compliance Certification
431 40CFR 63.2450(p), Subpart FFFF: Compliance Certification
2-4 40CFR 63.2455(a), Subpart FFFF: Compliance Certification
432 40CFR 63.2455(a), Subpart FFFF: Compliance Certification
433 40CFR 63.2455(a), Subpart FFFF: Compliance Certification
434 40CFR 63.2455(a), Subpart FFFF: Compliance Certification
436 40CFR 63.2455(a), Subpart FFFF: Compliance Certification
437 40CFR 63.2455(b), Subpart FFFF: Compliance Certification
438 40CFR 63.2460(a), Subpart FFFF: Compliance Certification
439 40CFR 63.2460(a), Subpart FFFF: Compliance Certification
440 40CFR 63.2460(a), Subpart FFFF: Compliance Certification
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442 40CFR 63.2460(b), Subpart FFFF: Compliance Certification
443 40CFR 63.2460(c), Subpart FFFF: Compliance Certification
444 40CFR 63.2460(c)(7), Subpart FFFF: Compliance Certification
2-5 40CFR 63.2465(a), Subpart FFFF: Compliance Certification
445 40CFR 63.2465(a), Subpart FFFF: Compliance Certification
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450 40CFR 63.2465(a), Subpart FFFF: Compliance Certification
451 40CFR 63.2480, Subpart FFFF: Compliance Certification

452 40CFR 63.2485(c), Subpart FFFF: Compliance Certification
453 40CFR 63.2520(c), Subpart FFFF: Compliance Certification
454 40CFR 63.2520(c), Subpart FFFF: Compliance Certification
455 40CFR 63.2520(c), Subpart FFFF: Compliance Certification
456 40CFR 63.2525, Subpart FFFF: Compliance Certification
457 40CFR 63.2535(g), Subpart FFFF: Compliance Certification
458 40CFR 63.7881(c), Subpart GGGGG: Compliance Certification
459 40CFR 63.9000(a), Subpart NNNNN: Compliance Certification
460 40CFR 63.9000(a), Subpart NNNNN: Compliance Certification
461 40CFR 63.9000(b), Subpart NNNNN: Compliance Certification
462 40CFR 63.9000(b), Subpart NNNNN: Compliance Certification
463 40CFR 63.9005(a), Subpart NNNNN: Compliance Certification
464 40CFR 63.9005(b), Subpart NNNNN: Compliance Certification
465 40CFR 63.9005(c), Subpart NNNNN: Compliance Certification
466 40CFR 63.9005(d), Subpart NNNNN: Compliance Certification
467 40CFR 63.9020(b), Subpart NNNNN: Compliance Certification
468 40CFR 63.9020(e), Subpart NNNNN: Compliance Certification
469 40CFR 63.9025(a), Subpart NNNNN: Compliance Certification
470 40CFR 63.9025(b), Subpart NNNNN: Compliance Certification
471 40CFR 63.9030(a), Subpart NNNNN: Compliance Certification
472 40CFR 63.9030(a), Subpart NNNNN: Compliance Certification
473 40CFR 63.9030(b), Subpart NNNNN: Compliance Certification
474 40CFR 63.9035(b), Subpart NNNNN: Compliance Certification
475 40CFR 63.9035(d), Subpart NNNNN: Compliance Certification
476 40CFR 63.9035(e), Subpart NNNNN: Compliance Certification
477 40CFR 63.9040(c), Subpart NNNNN: Compliance Certification
478 40CFR 63.9045(f), Subpart NNNNN: Compliance Certification
479 40CFR 63.9045(g), Subpart NNNNN: Compliance Certification
480 40CFR 63.9050(a), Subpart NNNNN: Compliance Certification
481 40CFR 63.9050(b), Subpart NNNNN: Compliance Certification
482 40CFR 63.9050(c), Subpart NNNNN: Compliance Certification
483 40CFR 63.9050(d), Subpart NNNNN: Compliance Certification
484 40CFR 63.9050(e), Subpart NNNNN: Compliance Certification
485 40CFR 63.9050(f), Subpart NNNNN: Compliance Certification
486 40CFR 63.9055, Subpart NNNNN: Compliance Certification
487 40CFR 63.9060, Subpart NNNNN: Compliance Certification
1-29 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification
1-30 40CFR 63.6625(f), Subpart ZZZZ: Compliance Certification
1-31 40CFR 63.6640(f), Subpart ZZZZ: Compliance Certification
1-32 40 CFR Part 98: Compliance Certification

Emission Unit Level

488 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
489 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=C-27018,Proc=400,ES=FUGTV

2-6 40CFR 63.162(c), Subpart H: General standards - identification of equipment
1-33 40CFR 63.162(c), Subpart H: General standards - identification of equipment

EU=C-27018,Proc=402

491 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=C-27018,Proc=405

492 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=C-27018,Proc=406

1-34 40CFR 63.104, Subpart F: Delay of repair provisions for heat exchange systems

1-35 40CFR 63.104, Subpart F: Provisions for handling leaks found in heat exchanger coolant

EU=C-27018,Proc=406,ES=HXCWW

2-8 40CFR 63.104, Subpart F: Delay of repair provisions for heat exchange systems

2-7 40CFR 63.104, Subpart F: Provisions for handling leaks found in heat exchanger coolant

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level

493 ECL 19-0301: Contaminant List

494 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

495 6 NYCRR 211.2: Visible Emissions Limited

NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;
(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: **Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: **Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: **Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: **Property Rights - 6 NYCRR 201-6.4 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: **Severability - 6 NYCRR 201-6.4 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: **Permit Shield - 6 NYCRR 201-6.4 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: **Reopening for Cause - 6 NYCRR 201-6.4 (i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is

three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: **Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York

(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: **Fees**
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: **Recordkeeping and Reporting of Compliance Monitoring**
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (c)

Item 3.1:
The following information must be included in any required compliance monitoring records and reports:

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:
The Compliance Certification activity will be performed for the Facility.

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill

Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 6: **Compliance Certification**
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (e)

Item 6.1:
The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway,

Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:
Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:
(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.

(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
(i) Prescribed burns performed according to Part 194 of this Title.
(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:
Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:
Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:
No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:
The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:
The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)

Item 15.1:
The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: Right to Inspect

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:
The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Off Permit Changes
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:
No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 19: Accidental release provisions.
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 1-1: Compliance Certification

Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 200.7

Replaces Condition(s) 22

Item 1-1.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A wet scrubber (MTCSS) is used to condition the air stream prior to treatment in the RKI (96RKI) or Fixed Box #2 Incinerator (93FBI). Water flow to the scrubber is recorded in Provox/Pi to verify operation. As long as water flow exists during process operation, this condition is met.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 1-2: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 200.7

Replaces Condition(s) 21

Item 1-2.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A pre-condenser (D4CON) is used to condition the air stream prior to treatment in the RKI or Fixed Box #2 Incinerator. Condenser temperature is recorded in Provox/PI to verify operation. As long as water flow exists during process operation, this condition is met.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 23: Emission Unit Definition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-27018
Emission Unit Description:
Chemical operations and sources requiring incineration control under MON MACT. The MCS Vent incinerator, MCS vent scrubber, Fixed Box incinerator no. 2, and the rotary kiln incinerator are included in this unit.

Building(s): 14
21
22
23
24
24A
27
30
30E
32
34
35
36
37
38
48

57
62
64
65
67
68
70
71
76
78
97
AREA 96

Item 23.2(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: E-LISTS
Emission Unit Description:
This EU consists of lists of Processes, Emission Points & Emission Sources referenced in other EU Compliance Monitoring Activities

Building(s): All
AREA 96

Item 23.3(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: F-INISH
Emission Unit Description:
Finishing - intermediate and final production of silicone products and materials including resins, fluids, dispersions, emulsions, heat curing elastomers, room temperature vulcanizing (rtv) elastomers, sealants, and treated fumed silica. Also includes various maintenance shops and individual maintenance sources (such as degreasers).

Building(s): 21
23
24
24A
27
28
29
30
30E
33
37
38
41
42
42A
61

71
76
78
85
97

Item 23.4(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-27035
Emission Unit Description:
Emission unit C-27035 is comprised of several aboveground storage tanks which are used to store acids. The emission unit also contains three locations within the tank farm which allow for scrapping of acid to the chemical process sewer.

Building(s): 27

Item 23.5(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-61007
Emission Unit Description:
Silicon grinding area and fines passivation area. In the silicon grinding area, silicon metal is ground, screened, and transferred to silos. In the fines passivation area, mixers are used to mix fines to neutralize and harden the material.

Building(s): 61
618

Item 23.6(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-62008
Emission Unit Description:
Chemops - MCSII, MCSIII and MCSIV operations. All equipment associated with the MCSII, MCSIII and MCSIV production operations, with the exception of the MCS vent scrubbers and MCS vent incinerator.

Building(s): 55
62
65
67

Item 23.7(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-62014
Emission Unit Description:
This unit consists of sources in the trichlorosilanes (TCS) and fumed silica production areas.

Building(s): 68

Item 23.8(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: H-OFURN
Emission Unit Description:
This unit consists of additional hot oil furnaces not already included in another emission unit.

Building(s): 15
35

Item 23.9(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-13004
Emission Unit Description:
Vapors and particulates are vented to the atmosphere outside of building 13 at different emissions points. These include process, filter, and local extraction discharges.

Building(s): 13

Item 23.10(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-14009
Emission Unit Description:
This unit consists of equipment in the facility's Pilot Plant. Batch and semicontinuous processes occur here. The Pilot Plant makes developmental/experimental products for evaluation, and scaled-down batches of problem production grades to develop process adjustments. Scaled down batched of commercial products are also made here.

Building(s): 14
15
16

Item 23.11(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28002
Emission Unit Description:
Emission Unit U28002 consists of Boilers 13 and 18 and a #2 Fuel Oil storage tank.

Building(s): 28

Item 23.12(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28003
Emission Unit Description:
Emission Unit U28003 consists of boilers 14, 15, 16, and

17.

Building(s): 28

Item 23.13(From Mod 0):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: W-97004
Emission Unit Description:
This Emission Unit is the wastewater treatment process system of the waste handling area. The wastewater treatment plant is a physical/chemical treatment system consisting of pH neutralization, oil and grease separation, clarification, and air stripping operations.

Building(s): 97
AREA 96

Condition 24: Progress Reports Due Semiannually
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)

Item 24.1:
Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 25: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (f)

Item 25.1:
The Compliance Certification activity will be performed for the Facility.

Item 25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Operational Flexibility Plan

I. Protocol Objective

The objective of this condition is to maximize operational

flexibility at the facility by building into the Title V permit the capability to make certain changes using a protocol. As provided under 6 NYCRR Part 201-6.4(f)(2), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.6.

II. Protocol

A. Criteria

1. Changes reviewed under this protocol shall be evaluated in accordance with the following criteria:

a. All underlying federal and state requirements with which the new or changed emission source must comply must exist in the Title V permit. Existing permit conditions may be amended to reference or include the new or changed emission source and any related information, and/or subject to DEC approval, new conditions proposed, to provide the appropriate monitoring parameters.

b. Any new or changed emission source shall not be part of a source project that results in a significant net emissions increase that exceeds the New Source Review (NSR) thresholds identified in 6 NYCRR Part 231.

c. The facility shall not use the protocol to make physical changes or changes in the method of operation of existing emissions sources that would require a new or modified federally enforceable cap either to avoid major NSR requirements or to address and comply with other Clean Air Act requirements, such as RACT. Such changes must be addressed via the significant permit modification provisions.

B. Notification Requirements for Changes Reviewed under the Protocol

1. The facility shall notify the Department in writing of the proposed change.

2. Notifications made in accordance with this protocol will include the following documentation:

a. Identification of the Title V permit emission unit, process(es), emission sources and emission points affected by the proposed change with applicable revisions to the Emission Unit structure;

b. Description of the proposed change, including

operating parameters;

c. Identification and description of emissions control technology;

d. Documentation of the project's, or emission source's, compliance with respect to all state and/or federally applicable requirements, including the following steps:

i. Calculate the emission rate potential and maximum projected actual annual emission rates for all contaminants affected by the change.

ii. Submit documentation of major NSR program non-applicability for NYSDEC review and approval.

iii. Identify and evaluate the applicability of all regulations likely to be triggered by the new or changed emission source.

iv. Propose any operating and record keeping procedures necessary to ensure compliance.

e. Any other relevant information used for the evaluation of the proposed project or emission source under the Protocol.

C. Review and Approval of Changes

1. The Department shall respond to the permittee in writing with a determination within 15 days of receipt of the notification of the permittee.

2. The Department may require a permit modification, in order to impose new applicable requirements or additional permit conditions if it determines that changes proposed pursuant to notification do not meet the criteria under II. A above or that the changes may have a significant air quality impact or be otherwise potentially significant under SEQRA (6 NYCRR Part 617).

3. The Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the proposed change, which may include potential air quality impacts and/or applicable requirements. The Department's determination shall include a listing of information required for further review, if necessary.

D. Additional Compliance Obligations for Changes Made Under this Protocol

1. Upon commencement of the change, the facility shall comply with all applicable requirements and permit conditions, including any amended or proposed in accordance with II.A.1.a above.

2. The facility shall provide with the semi-annual monitoring report, a summary of the changes made in accordance with this protocol and a statement of the compliance status of each. Changes reported should include all those made during the corresponding period and any earlier changes that have not yet been incorporated into the permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 26.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 26.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 26.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 26.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 26.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 26.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002

Emission Unit: U-28003

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 26.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The total emissions of NOx from Emission Units U28002 and U28003 (combined) may not exceed 223.5 tpy on a rolling 12 month basis. Fuel use will be monitored to assure compliance with this requirement.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: FLOW
Upper Permit Limit: 223.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 27.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 27.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 27.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 27.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 27.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 27.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 27.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions from Finishing operations to confirm that emissions do not exceed the cap of 201.5 tpy.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 28.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 28.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 28.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 28.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 28.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 28.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 28.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The old silicon grinding plant is inoperable, and will

require significant renovation in order to
become
operational. This certification will become applicable
upon startup of the old silicon grinding plant. The old
silicon grinding plant will not operate more than 6600
hours per year. A record will be kept to document that the
plant is operated. This requirement results from the MCS
IV project which affected EP#s 27018, 27022, 27023, 28002,
28003, 28004, 28005, 28006, 55005, 57004, 61001, 61002,
61003, 61005, 61006, 62005, 62011, 62007, 65001, 95002,
97001, 97002, and 97003.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 6600 hours
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 29.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 29.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 29.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 29.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 29.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 29.6:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 29.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Sulfur content of #2 fuel oil burned at the facility shall not exceed 0.5% by weight for PSD purposes.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 30.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 30.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 30.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 30.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 30.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 30.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97003

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 30.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
This compliance monitoring cap is for purposes of complying with PSD.
1. Annual SO2 emissions from this emission point shall be less than 40 TPY.
2. Compliance with limit (1) shall be demonstrated by monitoring and recording the amount of fuel oil and APS waste burned daily in this emission point. GE shall maintain a record of SO2 emissions, calculated using 0.00332 lb SO2/gal for APS and an AP-42 emission factor from EPA TTN CHIEF Table 1.3-1, May 2010, combined with the maximum allowable sulfur content shall be used for fuel oil combustion.
3. Fuel use records and records of total SO2 emissions must be maintained at MPM for 5 years after being recorded, and must be made available to representative of either NYSDEC or USEPA upon request during normal business hours.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 40 tons per year
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 31.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 31.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 31.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 31.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 31.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 31.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 31.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
SO2 emissions from boiler #18, calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2 July 1998, and Table 1.3-1 May 2010, may not exceed 40 tpy.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: FLOW
Upper Permit Limit: 40 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 32.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 32.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 32.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 32.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 32.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 32.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002

Emission Unit: U-28003

Regulated Contaminant(s):

CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY075-00-0	PARTICULATES

Item 32.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total SO2 emissions from EUs 28002 and U28003 combined may not exceed 70.5 tpy on a 12 month rolling basis. Fuel use will be monitored and SO2 emissions calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2, July 1998, and Table 1.3-1, September 1998, and allowable sulfur content. Neither total PM nor total PM-10 emissions from EUs U28002 and U28003 combined may exceed 15.5 tpy on a 12 month rolling basis. Fuel use will be monitored and PM/PM-10 emissions calculated as follows:

for #6 oil - by using 2006 site testing results for #6 fuel oil ocmbustion.

for natural gas - by using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2, July 1998, and Tables 1.3-1 & 1.3-2, September 1998.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 33.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 33.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 33.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 33.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 33.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 33.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62008
Process: 419 Emission Source: 55HOF

Emission Unit: C-62008
Process: 419 Emission Source: 65HOF

Emission Unit: C-62008
Process: 419 Emission Source: 67HOF

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE
CAS No: 0NY075-00-0 PARTICULATES
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 33.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The three hot oil furnaces are currently incapable of burning fuel oil. This certification will become applicable upon the furnaces becoming capable of burning #2 fuel oil. Each of the three hot oil furnaces in the MCS area will accept an operational limit of 984 hours per year No. 2 fuel oil usage per furnace. This activity will effectively cap these sources out of NSR (PSD + 231) requirements. A record will be kept to document each day that a hot oil furnace burns No. 2 fuel oil. This requirement results from the MCS IV project which affected EP#s 27018, 27022, 27023, 28002, 28003, 28004, 28005, 28006, 55005, 57004, 61001, 61002, 61003, 61005, 61006, 62005, 62011, 62007, 65001, 95002, 97001, 97002, and 97003.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 984 hours
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 34: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 34.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 34.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 34.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 34.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 34.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 34.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 34.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
SO2 emissions from U28002 may not exceed 42.5 tpy. Emissions shall be based upon the allowable sulfur content, in the case of oil, and the latest AP-42 emissions factor for the effected boilers.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: FLOW
Upper Permit Limit: 42.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 35.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 35.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 35.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 35.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 35.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 35.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 35.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate PM emissions from Finishing operations to confirm that they do not exceed the cap of 62.5 tpy.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 36: Capping Monitoring Condition
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 36.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

Item 36.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 36.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 36.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 36.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 36.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 36.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The total NOx emissions from emission unit U28002 may not exceed 143 tpy on an annual rolled monthly basis.
Emissions shall be based on the rate demonstrated in the last stack test of the effected boilers.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: FLOW
Upper Permit Limit: 143 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Air pollution prohibited
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 211.1

Item 37.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 38: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Part 212

Item 38.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-62014 Emission Point: 68001

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 0NY075-00-0 PARTICULATES

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Silane feed rate to the reactors is limited to 3,750 lb/hr to ensure this.

Compliance with this feed rate restriction assures compliance with the requirements of 6 NYCRR 212.9(b) and 40 CFR 63 Subpart NNNNN for emissions of CHLORINE.

Compliance with feedrate restriction also meets requirements of 6 NYCRR 212.4(c) for particulates.

Parameter Monitored: SILANE FEED RATE
Upper Permit Limit: 3750 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.2

Item 39.1:
The Compliance Certification activity will be performed for the Facility.

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When an application is made for a permit to construct or for a certificate to operate for a process emission source, the commissioner will issue an environmental rating for each air

contaminant from each emission point in accordance with Table 1 of this Part.

Environmental ratings for contaminants at this facility are as follows:

CAS No: 000075-65-0
Name: 2-METHYL-2-PROPANOL Rating = B

CAS No: 0NY502-00-0
Name: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC) Rating = B

CAS No: 000064-19-7
Name: ACETIC ACID Rating = B

CAS No: 000075-36-5
Name: ACETYL CHLORIDE Rating = B

CAS No: 007664-41-7
Name: AMMONIA Rating = B

CAS No: 007782-50-5
Name: CHLORINE Rating = A

CAS No: 000067-64-1
Name: DIMETHYL KETONE Rating = C

CAS No: 000075-78-5
Name: DIMETHYLDICHLOROSILANE C2H6CL2SI Rating = A

CAS No: 000064-17-5
Name: ETHYL ALCOHOL (ETHANOL) Rating = B

CAS No: 000100-41-4
Name: ETHYLBENZENE Rating = B

CAS No: 000541-05-9
Name: HEXAMETHYLCYCLOTRISILOXANE Rating = C

CAS No: 000107-46-0
Name: HEXAMETHYLDISILOXANE Rating = C

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE Rating =

A

CAS No: 000067-63-0
Name: ISOPROPYL ALCOHOL Rating =
C

CAS No: 000067-56-1
Name: METHYL ALCOHOL Rating = B

CAS No: 000074-87-3
Name: METHYL CHLORIDE Rating = B

CAS No: 000075-79-6
Name: METHYLTRICHLOROSILANE
CH3CI3SI Rating = A

CAS No: 001185-55-3
Name: METHYLTRIMETHOXYSILANE
C4H12O3SI Rating = B

CAS No: 000556-67-2
Name: OCTAMETHYLCYCLOTETRA
SILOXANE Rating = C
CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN Rating =
B

CAS No: 0NY075-00-0
Name: PARTICULATES Rating = C

CAS No: 0NY075-00-5
Name: PM-10 Rating = C

CAS No: 068479-14-1
Name: SILANE, CHLORO METHYL DERIVS Rating
= B

CAS No: 001719-58-0
Name: SILANE, CHLOROETHENYLDIMETHYL
Rating = B

CAS No: 000124-70-9
Name: SILANE,
DICHLOROETHENYLMETHYL Rating = B

CAS No: 001112-39-6
Name: SILANE, DIMETHOXYDIMETHYL Rating =
B

CAS No: 000075-94-5
Name: SILANE, TRICHLOROETHENYL
C2H3CL3SI Rating = B

CAS No: 001066-35-9
Name: SILANE,CHLORODIMETHYL C2H7CLSI
Rating = A

CAS No: 063148-62-9
Name: SILOXANES AND
SILICONES,DI-ME Rating = C

CAS No: 007446-09-5
Name: SULFUR DIOXIDE Rating = B

CAS No: 010026-04-7
Name: TETRACHLORO SILANE Rating =
A

CAS No: 000108-88-3
Name: TOLUENE Rating = B

CAS No: 0NY998-00-0
Name: VOC Rating = B

CAS No: 001330-20-7
Name: XYLENE, M, O & P MIXT. Rating = B

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 40: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.3 (a)

Item 40.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: C-61007

Emission Unit: C-62008

Emission Unit: C-62014

Emission Unit: F-INISH

Emission Unit: T-13004

Emission Unit: W-97004

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner. Emission rates and control efficiencies for each new product are calculated, per the op-flex plan, to verify compliance with this requirement. For emission rate potentials for each existing source in the above units that are less than the threshold in Table 2 for which controls are required, the Commissioner has not specified a degree of air cleaning pursuant to 6 NYCRR 212.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 41.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: C-62014

Emission Unit: F-INISH

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
No person will cause or allow emissions that violate the requirement specified in Table 2, Table3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner. Emission rates and control efficiencies for each new product are calculated, per the op-flex plan, to verify compliance with this requirement. The Commissioner has determined that the controls utilized for sources in the above emission units comply with the applicable

emission rates potentials when such controls are operated as specified in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 42: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.4 (b)

Item 42.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: C-61007

Emission Unit: C-62008

Emission Unit: C-62014

Emission Unit: F-INISH

Emission Unit: T-13004

Emission Unit: W-97004

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner. Emission rates and control efficiencies for each new product are calculated, per the op-flex plan, to verify compliance with this requirement. For some sources within these emission units, emissions rates potentials for each existing product are less than the threshold in Table 2 for which controls are required, and the Commissioner has not specified a degree of air cleaning pursuant to 6 NYCRR 212.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 43.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L06

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. If the source equals or exceed 20% opacity per the monitoring requirement under 212.6(a) more than once per 12 month period, then a stack testing for particulates must be performed within 30 days of approval of a protocol. The protocol must be submitted within 30 days of this second occurrence of high opacity. The Department reserves the right to require a stack test.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.5 (d)

Item 44.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018	Emission Point: 62005
Emission Unit: C-27018	Emission Point: 62011
Emission Unit: C-27018	Emission Point: 76001
Emission Unit: C-27018	Emission Point: 76710
Emission Unit: C-27018	Emission Point: 76711
Emission Unit: F-INISH	Emission Point: 24944

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Where a source owner can demonstrate to the satisfaction of the commissioner that he will apply best available control technology, the commissioner may specify a less restrictive permissible emission rate, emission standard or degree of air cleaning for such source than required under this Part provided that the less restrictive requirement is equivalent to that which can be achieved through the application of best available control technology. The Commissioner has accepted the level of control proposed by MPM as BACT and SIP revision requests were sent to EPA during previous permitting of the affected sources.

Monitoring Frequency: Once every five years
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 45: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 45.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L06

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/ operator conducting a visible emissions observation for affected sources with particulate control ¿ once per day during daylight hours while the source is in operation.

If any visible emissions above normal for the source are observed, then a Method 9 shall be performed as soon as possible but no more than two operating days later for the affected source. If opacity results of 20% or greater are identified then the provisions of 6 NYCRR 201-1.4 shall be followed. Records of all observations are to be maintained on-site for a period of five years.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 2-1: Compliance Certification
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Replaces Condition(s) 58

Item 2-1.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 85008

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 2-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column 85TST will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured parameter exceeds the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 1-3: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Replaces Condition(s) 59

Item 1-3.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 71013

Regulated Contaminant(s):
CAS No: 000075-79-6 METHYLTRICHLOROSILANE

Item 1-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water flow to the scrubber is recorded in Provox/Pi to ensure sufficient control efficiency. As long as water flow exists during process operation, this condition is met.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 46.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 35006

Regulated Contaminant(s):

CAS No: 000541-05-9	HEXAMETHYLCYCLOTRISILOXANE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 000556-67-2	OCTAMETHYLCYCLOTETRA SILOXANE

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The water flow to the scrubber is monitored to ensure the scrubber is operating at the required control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 0.5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 47.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32028

Regulated Contaminant(s):

CAS No: 000107-46-0	HEXAMETHYLDISILOXANE

Item 47.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water flow during stripping will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 48.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62011
Process: 748

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS

Item 48.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The Venturi water flow (ES-62WVS) is monitored to ensure sufficient control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 49.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 35031

Regulated Contaminant(s):
CAS No: 000541-05-9 HEXAMETHYLCYCLOTRISILOXANE

Item 49.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water flow rate will be monitored to ensure it is greater than or equal to 3 gallons per minute. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 3 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 50.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005
Process: 748

Emission Unit: C-27018 Emission Point: 62011
Process: 748

Regulated Contaminant(s):
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 50.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The tower water flows (ES-62EST & ES-62WST) are monitored to ensure sufficient control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring for either tower.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 51.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 76710

Emission Unit: C-27018 Emission Point: 76711

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000075-36-5 ACETYL CHLORIDE
CAS No: 000075-65-0 2-METHYL-2-PROPANOL
CAS No: 001112-39-6 SILANE, DIMETHOXYDIMETHYL
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 000067-64-1 DIMETHYL KETONE

Item 51.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
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Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 52.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005
Process: 748

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The Venturi water flow (ES-62EVS) is monitored to ensure sufficient control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 60 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 53.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 24944

Emission Unit: F-INISH Emission Point: 24945

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be recorded to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 30 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 54.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32040

Emission Unit: F-INISH Emission Point: 32042

Emission Unit: F-INISH Emission Point: 32044

Emission Unit: F-INISH Emission Point: 32049

Emission Unit: F-INISH Emission Point: 32050

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Each condenser's outlet gas temperature will be monitored when the ERP of non-VOCs (Octamethylcyclotetra Siloxane) exceeds 10 lb/hr and when "A" rated contaminant ERPs exceeds 1 lb/hr. This process emits through five emission points 32040, 32042, 32044, 32049 and 32050. Engineering calculations will be used as evidence of compliance with control efficiency when the measured parameters exceeds the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 35 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 55.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 37016

Regulated Contaminant(s):
CAS No: 000067-64-1 DIMETHYL KETONE

Item 55.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For grade 88476 (main process) the condenser outlet gas temperature will be maintained to ensure sufficient control efficiency. The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 41 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 56.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32026

Emission Unit: F-INISH Emission Point: 32027

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored to ensure sufficient control efficiency. This process emits through two emission points 32026 and 32027. The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 67 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 57.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 71001

Regulated Contaminant(s):

CAS No: 000067-64-1	DIMETHYL KETONE
CAS No: 000124-70-9	SILANE, DICHLOROETHENYLMETHYL
CAS No: 001066-35-9	SILANE,CHLORODIMETHYL
CAS No: 001185-55-3	METHYLTRIMETHOXYSILANE
CAS No: 000075-94-5	SILANE, TRICHLOROETHENYL

Item 57.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water scrubber flow creates the proper vacuum to operate the process and removes air contaminants. Water flow to the scrubber is recorded to ensure sufficient flow control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 60.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 34012

Regulated Contaminant(s):
CAS No: 000074-87-3 METHYL CHLORIDE

Item 60.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The water flow to the scrubber is monitored to ensure the scrubber is operating at the required control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 8 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 61.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 31041

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubbers will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of

monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 2.4 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.9 (b)

Item 62.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 23002

Regulated Contaminant(s):

CAS No: 000107-46-0	HEXAMETHYLDISILOXANE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 063148-62-9	SILOXANES AND SILICONES,DI-ME

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow rate to the scrubber will be monitored to meet required control efficiency. The lower limit of monitoring ensures compliance with all process operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (a) (2)

Item 63.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32040

Emission Unit: F-INISH Emission Point: 32042

Emission Unit: F-INISH Emission Point: 32044

Emission Unit: F-INISH Emission Point: 32049

Emission Unit: F-INISH Emission Point: 32050

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 63.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixers 5, 6, 7, 8, and 9 will be recorded. Grades produced in Doughmixers 5, 6, 7, 8, and 9 with VOC ERPs>3lb/hr will be vented to a condenser during cook steps.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (a) (2)

Item 64.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32006

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 64.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Grades produced in Doughmixer #3 will be recorded. Doughmixer #3 will not process any condenser grades (grades with a VOC ERP of greater than 3 lb/hr).

Process Material: BATCHES
Parameter Monitored: VOC
Upper Permit Limit: 3 pounds per hour
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 1-4: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Replaces Condition(s) 66

Item 1-4.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 71013

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 1-4.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water flow to the scrubber is recorded in Provox/Pi to ensure sufficient control efficiency. As long as water flow exists during process operation, this condition is met.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 1-5: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Replaces Condition(s) 67

Item 1-5.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 1-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water flow to the Building 24 Mon MACT scrubber is recorded in ProvoxPi to ensure sufficient scrubber flow. As long as water flow exists during process operation, this condition is met.

This process emits to the RKI or the FBI (process 422 or 424).

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 65.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the third stage of the scrubber will be monitored to ensure sufficient control efficiency.

The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 7.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 68: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 68.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 23002

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 68.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the first stage of the scrubber will be monitored to ensure sufficient control efficiency.

The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20.0 gallons per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 69: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 69.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L04

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 69.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology. VOC emission control efficiencies will be calculated, per the op-flex plan, for any new product grades to assure a minimum 81% control. The control devices for the listed processes have been determined to achieve an overall removal efficiency of 81% provided the operating parameters specified in this permit are met.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 70: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 70.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 70.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the second stage of the scrubber will be monitored to ensure sufficient control efficiency.

The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 71: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 71.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 31037

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 71.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubber will be monitored to ensure

sufficient control efficiency Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 72: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 72.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 72.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow rate to the scrubber will be monitored to meet required control efficiency. The lower limit of monitoring ensures compliance with all process operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 73: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 73.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 73.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The scrubber water flow (ES-MCSVS) is monitored to ensure sufficient control efficiency.

This monitoring activity also meets the requirement of 212.4(c) (grain loading for PM).

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 74: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 74.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32028

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 74.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:
The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 75.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401 Emission Source: MCSVI

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 75.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The fire box temperature (ES-MCSVI) is monitored to ensure sufficient control efficiency.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1750 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 76: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 76.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 76.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Spray tower flow rate will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as
evidence of compliance with VOC control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 77.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 76001

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 77.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 72 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 78: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 78.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 85008

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 78.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column 85TST will be monitored to ensure sufficient control efficiency.

The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured temperature exceeds the limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 79: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 79.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32040

Emission Unit: F-INISH Emission Point: 32042

Emission Unit: F-INISH Emission Point: 32044

Emission Unit: F-INISH Emission Point: 32049

Emission Unit: F-INISH Emission Point: 32050

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 79.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Each condenser's outlet gas temperature will be monitored when the ERP of VOCs exceed 3 lb/hr. This process emits through five emission points 32040, 32042, 32044, 32049 and 32050. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 35 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 80: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (i)

Item 80.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L04

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 80.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
During Toluene cleanouts in any of the Drais mixers, outlet Glycol temperature of the condenser 31DC1 and 31DC2 will be monitored to ensure sufficient control efficiency.

The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with VOC control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 32 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 81: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 81.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62011

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 81.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The MCS vent scrubber will be operated so that Methyl Chloride emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 8/8/12 (24.1 tons/yr). This monitoring condition also meets the BACT requirements of 6 NYCRR 212.5(d).

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 82: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 82.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 32040

Emission Unit: F-INISH Emission Point: 32042

Emission Unit: F-INISH Emission Point: 32044

Emission Unit: F-INISH Emission Point: 32049

Emission Unit: F-INISH Emission Point: 32050

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 82.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 3.7 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 8/8/12.

This process specific RACT demonstration is acceptable to the department and has been submitted to the US Environmental Protection Agency for approval as a revision to the State Implementation Plan.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 83: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 83.1:
The Compliance Certification activity will be performed for the Facility.

Item 83.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
All RACT variances under the provisions of 6 NYCRR 212.10(c)(4)(iii) must be re-evaluated once per permit term.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 84: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 84.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 76710

Emission Unit: C-27018 Emission Point: 76711

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 84.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be monitored to ensure sufficient control efficiency.

The lower limit of monitoring has been accepted by the department as both RACT and BACT. This has been submitted to USEPA for approval as a revision to the NYS SIP.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 85: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 85.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: W-97004 Emission Point: 97004

Emission Unit: W-97004 Emission Point: 97005

Emission Unit: W-97004 Emission Point: 97011

Emission Unit: W-97004 Emission Point: 97012

Emission Unit: W-97004 Emission Point: 97017

Emission Unit: W-97004 Emission Point: 97020

Emission Unit: W-97004 Emission Point: 97021

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 85.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 8/8/12.

Parameter Monitored: VOC
Upper Permit Limit: 3.7 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 86: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 86.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L05

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 86.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For the sources listed, Momentive has demonstrated to the Department that the emission point cannot achieve an overall removal efficiency of 81% for reasons of technological or economic feasibility. The Department has accepted a lesser degree of control as reasonably available control technology (RACT). These process specific RACT demonstrations which are acceptable to the Department (8/8/12) have been submitted to the US Environmental Protection Agency for approval as a revision to the State Implementation Plan.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-6: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 225-1.2 (f)

Item 1-6.1:
The Compliance Certification activity will be performed for the Facility.

Item 1-6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 HEATING OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 225-1.2 (g)

Item 1-7.1:
The Compliance Certification activity will be performed for the Facility.

Item 1-7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owners and/or operators of a stationary combustion installation that fires distillate oil other than number

two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-8: Compliance Certification
Effective between the dates of 07/01/2016 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)

Item 1-8.1:
The Compliance Certification activity will be performed for the Facility.

Item 1-8.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the

Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 88: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Part 226

Item 88.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 21101

Emission Unit: F-INISH Emission Point: 27102

Emission Unit: F-INISH Emission Point: 28009

Emission Unit: F-INISH Emission Point: 29102

Emission Unit: F-INISH Emission Point: 30001

Emission Unit: F-INISH Emission Point: 30002

Emission Unit: F-INISH Emission Point: 61602

Emission Unit: F-INISH Emission Point: 85054

Emission Unit: F-INISH Emission Point: 85059

Emission Unit: F-INISH Emission Point: 97023

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 88.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Requirements for cold cleaning degreasers:

A. Equipment Specifications
The following types of control equipment must be used by a

person conducting solvent metal cleaning:
(a) Cold cleaning degreasing when the internal volume of the machine is greater than two gallons.
(1) A cover which can be operated easily.
(2) An internal drainage facility (under cover), if practical.
(3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. Remote reservoir degreasers are exempt from this requirement.
(4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20°C. Prior to January 1, 2004, compliance with this requirement is not mandatory if compliant solvents are not readily available. On or after January 1, 2004, the person conducting solvent metal cleaning covered by this subdivision must use compliant solvents or have submitted a process specific RACT demonstration pursuant to section 226.5 of this Part. This paragraph does not apply to degreasers:
(i) used in special and extreme solvent metal cleaning;
(ii) for which the owner or operator has received department approval of a demonstration that compliance with the requirement of a solvent with a vapor pressure of 1.0 mm Hg, or less, at 20°C will result in unsafe operating conditions; or
(iii) that are located in a permanent total enclosure having control equipment that is designed and operated with an overall VOC removal efficiency of 90 percent or greater.

B. Operating Requirements
Clean parts shall be drained at least 15 seconds or until dripping ceases.

C. General Requirements
A person conducting solvent metal cleaning must:
(a) store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere;
(b) maintain equipment to minimize leaks and fugitive emissions;
(c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs;
(d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to add or remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning metal parts in a cold cleaning

degreaser;
(e) create and retain a record of solvent consumption for five years. This record must be made available to the department upon request;
(f) not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser; and
(g) if using a cold cleaning degreaser that is subject to section 226.3(a)(4) of this Part, retain a record of the following three items for five years and provide these records to the department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a material safety data sheet (MSDS), or other appropriate documentation acceptable to the department may be used to comply with this requirement:
(1) the name and address of the solvent supplier;
(2) the type of solvent including the product or vendor identification number; and
(3) the vapor pressure of the solvent measured in mm Hg at 20°C (68°F).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 90: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-1.3 (a)

Item 90.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L07

Item 90.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 91: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-2.4 (a) (1)

Item 91.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 91.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This condition applies to natural gas/oil fired very large boilers and is applicable until June 30th 2014. The owner or operator shall install, calibrate, maintain, and operate a CEMS for the monitoring of NOx in accordance with the requirements of this subpart.

Compliance with the emission limit will be based on a 24-hour heat input weighted average from May 1st through September 30th. Compliance with the emission limit will be based on a 30-day rolling heat input weighted average from October 1st through April 30th.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also commited to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit prior to July 1, 2014 is 0.25 lb(NOx)/mmBTU. On and after July 1, 2014 it is 0.15 lb(NOx)/mmBTU.

Owners or operators required to use 40 CFR Part 75 monitoring reference methods are required to do so. Any other owners or operators may use either 40 CFR Part 60 or 40 CFR Part 75 monitoring reference methods.

The owner or operator will maintain records on-site for a minimum of five years.

Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 1-9: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (1)

Replaces Condition(s) 92

Item 1-9.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 1-9.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also commited to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit prior to July 1, 2014 is 0.30 lb(NOx)/mmBTU. On and after July 1, 2014 it is 0.15 lb(NOx)/mmBTU.

Owners or operators required to use 40 CFR Part 75 monitoring reference methods are required to do so. Any other owners or operators may use either 40 CFR Part 60 or 40 CFR Part 75 monitoring reference methods.

The owner or operator will maintain records on-site for a minimum of five years.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-10: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1)

Replaces Condition(s) 93

Item 1-10.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 1-10.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This condition applies to residual oil fired or residual oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The facility must re-evaluate their NOx RACT plan prior to the use of oil for this source. They have also commited to performing an annual tune up as part of their NOx RACT compliance. The applicable emission limit prior to July 1, 2014 is 0.30 lb(NOx)/mmBTU. On and after July 1, 2014 it is 0.20 lb(NOx)/mmBTU.

Owners or operators required to use 40 CFR Part 75 monitoring reference methods are required to do so. Any other owners or operators may use either 40 CFR Part 60 or 40 CFR Part 75 monitoring reference methods.

The owner or operator will maintain records on-site for a minimum of five years.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 94: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1)

Item 94.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28003
Process: 416

Emission Unit: U-28003
Process: 417

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 94.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This condition applies to natural gas only fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The applicable emission limit prior to July 1, 2014 is 0.10 lb(NOx)/mmBTU. On and after July 1, 2014, MPM's NOx RACT analyses indicates that no additional control meets RACT. Therefore; RACT is established based upon previous stack test results which indicate emissions of 0.082 lb(NOx)/mmBTU from boiler #16 and 0.087 lb(NOx)/mmBTU from boiler #17.

Owners or operators required to use 40 CFR Part 75 monitoring reference methods are required to do so. Any other owners or operators may use either 40 CFR Part 60 or 40 CFR Part 75 monitoring reference methods.

The owner or operator will maintain records on-site for a minimum of five years.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 95: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 227-2.6

Item 95.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 95.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

6 NYCRR 227-2.6(b)(3)
(i) The owner/operator of very large boilers shall:
(a) Calculate all 24-hr daily arithmetic average Nox emission rates from block hourly arithmetic emission rate averages calculated using data points generated by the CEMS and expressed in terms of pounds on NOx per million BTU;
(b) Demonstrate compliance with the appropriate emission limit under section 227-2.4 of this Subpart by using a CEMS for measuring NOx and calculating a 24-hour daily arithmetic average NOx emission rate using 40 CFR part 60, Appendix A, Method 19. A 30-day rolling average may be used to demonstrate compliance with the appropriate emission limit from September 16th to April 30th;
(c) Determine the 24-hour daily arithmetic average Nox emission rate based on the arithmetic average of the block hourly arithmetic average emission rates during each 24 hour daily period average emission rate shall be calculated for each one hour period starting with the period 12:00 a.m. to 1:00 a.m. and continuing through until the last period 11:00 p.m. to 12:00 a.m.; or, starting with the period 12:00 p.m. to 1:00 p.m. and continuing through the last period 11:00 a.m. to 12:00 p.m. The 30 day rolling average shall be the average of the 24 hour daily arithmetic NOx emission rates for a 30 day period; and
(d) Use at least three data points, collected at 15 minute intervals, to calculate the block hourly arithmetic average emission rates to be used in calculating the 24 hour daily arithmetic average NOx emission rate.
(iii) At a minimum, valid CEMS data shall be obtained for 75 percent of the hours per day for 75 percent of the days of the month and 90 percent of the days of the quarter that the affected facility is operating.
(iv) All valid CEMS data shall be used in calculating emission rates even if the minimum data requirements of subparagraph 6 NYCRR 227-2.6(b)(3)(iii) are not met.
(vi) Quarterly accuracy and daily calibration drift tests shall be performed in accordance with 40 CFR part 60, Appendix F and any additional data requirements determined appropriate by the department.
(vii) When NOx emission data are not obtained because of CEMS breakdowns and repairs, emission data shall be obtained by using the 90th percentile value of all CEMS NOx emission data collected over the last 180 days to provide as necessary valid emission data for the minimum

requirements in 6 NYCRR 227-2.6(b)(3)(iii)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (iv)

Item 97.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 766 Emission Source: 76PTA

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 97.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The tank has submerged fill and an annual inspection is required.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 98: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (iv)

Item 98.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 748 Emission Source: 62T59

Emission Unit: C-27018
Process: 748 Emission Source: 62TBA

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 98.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The tank has submerged fill, but there are major safety issues with opening it for an annual inspection as would normally be required. Emissions from this tank are also controlled by an additional 99.9+% via the scrubbers to emission points 62005 and 62011. Therefore, no monitoring is necessary for this source.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 99: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (iv)

Item 99.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L10 Emission Source: L0001

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 99.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. In this case, the equivalent control requirement has been met with a combination of submerged fill plus the hazardous waste incinerators (EPs 97001, 97002, 97003). The incinerator efficiencies alone is over 99% more effective than the submerged fill alone. No additional monitoring is necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 100: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (v)

Item 100.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 766 Emission Source: 76ACW

Emission Unit: C-27018
Process: 788 Emission Source: 23APS

Emission Unit: E-LISTS
Process: L09

Emission Unit: F-INISH
Process: 778 Emission Source: 37APS

Emission Unit: F-INISH
Process: 781 Emission Source: 37APS

Emission Unit: W-97004
Process: 705 Emission Source: 97NEU

Emission Unit: W-97004
Process: 705 Emission Source: 97NTK

Emission Unit: W-97004
Process: 705 Emission Source: 97SEP

Emission Unit: W-97004
Process: 705 Emission Source: NPSST

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 100.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

In the case of Process L09, the equivalent control requirement has been met with a combination of submerged fill plus the hazardous waste incinerators (EPs 97001, 97002, 97003). The incinerators efficiencies are 99.9+% for VOCs, which is greater than a conservation vent. No additional monitoring is necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 101: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 229.5 (d)

Item 101.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L08

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 101.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a volatile organic liquid storage tank that is subject to 6 NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 102: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 102.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28003 Emission Point: 28003

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 102.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 77 tpy for emission source BLR14 (Boiler #14) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.34 lb/mmBTU on oil and 0.08 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 103: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 103.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28002

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 103.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 62 tpy for emission source BLR13 (Boiler #13) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.29 lb/mmBTU on oil and 0.08 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 104: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 104.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28003 Emission Point: 28003

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 104.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 20 tpy for emission source BLR15 (Boiler #15) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.26 lb/mmBTU on oil and 0.06 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 105: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 105.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002 Emission Point: 28006

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 105.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 128.5 tpy for emission

source BLR18 (Boiler #18) in order to establish ERCs on an annual-rolled monthly basis. Emission are calculated by fuel use data and CEM system for NOx

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 106: NOx Ozone Season Emission Requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (c)

Item 106.1:
As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx Ozone Season allowances available for compliance deductions for the control period under section 243-6.5(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx Ozone Season units at the source, as determined in accordance with Subpart 243-8. The CAIR NOx ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 107: Excess emission requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (d)

Item 107.1:
If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Ozone Season emissions limitation, then:

(1) the owners and operators of the source and each CAIR NOx Ozone Season unit at the source shall surrender the CAIR NOx Ozone Season allowances required for deduction under section 243-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law; and

(2) each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

Condition 108: Recordkeeping and reporting requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (e)

Item 108.1:
Unless otherwise provided, the owners and operators of the CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator.

(i) The certificate of representation under section 243-2.4 for the CAIR designated representative for the source and each CAIR NOx Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under section 243-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with Subpart 243-8, provided that to the extent that Subpart 243-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Ozone Season Trading Program.

Condition 109: General requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 109.1:
The owners and operators, and to the extent applicable, the CAIR designated representative, of a CAIR NOx Ozone Season unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in section 243-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR NOx Ozone Season unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 243-1.2. The owner or operator of a unit that is not a CAIR NOx Ozone Season unit but that is monitored under 40 CFR 75.72(b)(2)(ii) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR NOx Ozone Season unit.

'Requirements for installation, certification, and data accounting.' The owner or operator of each CAIR NOx Ozone Season unit shall:

(1) install all monitoring systems required under this Subpart for monitoring NOx mass emissions and individual unit heat input (including all systems required to monitor NOx emission rate, NOx concentration, stack gas moisture content, stack gas flow rate, CO2 or O2 concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);

(2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph 243-8.1(a)(1); and

(3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 110: Prohibitions
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 110.1:
No owner or operator of a CAIR NOx Ozone Season unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this Subpart without having obtained prior written approval in accordance with section 243-8.6.

No owner or operator of a CAIR NOx Ozone Season unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this Subpart, except under any one of the following circumstances:
(i) during the period that the unit is covered by an exemption under section 243-1.5 that is in effect;
(ii) the owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the department for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or
(iii) the CAIR designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with section 243-8.2(d)(3)(i).

Condition 111: Out of control periods
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-8.3

Item 111.1:
Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to, 40 CFR Part 75.

Condition 112: Quarterly reports
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-8.5 (d)

Item 112.1:
The CAIR designated representative shall submit quarterly reports, as follows:

If the CAIR NOx Ozone Season unit is subject to an Acid Rain emissions limitation or a CAIR NOx emissions limitation or if the owner or operator of such unit chooses to report on an annual basis under this Subpart, the CAIR designated representative shall meet the requirements of Subpart H of 40 CFR Part 75 (concerning monitoring of NOx mass emissions) for such unit for the entire year and shall report the NOx mass emissions data and heat input data for such unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with:

(i) for a unit that commences commercial operation before July 1, 2007, the calendar quarter covering May 1, 2008 through June 30, 2008;

(ii) for a unit that commences commercial operation on or after July 1, 2007, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 243-8.1(b), unless that quarter is the third or fourth quarter of 2007 or the first quarter of 2008, in which case reporting shall commence in the quarter covering May 1, 2008 through June 30, 2008.

The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports

shall be submitted in the manner specified in 40 CFR 75.73(f).

For CAIR NOx Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Annual Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this Subpart.

Condition 113: Compliance certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR 243-8.5 (e)

Item 113.1:
The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;

(2) for a unit with add-on NOx emission controls and for all hours where NOx data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NOx emissions; and

(3) for a unit that is reporting on a control period basis under subparagraph (d)(2)(ii) of this section, the NOx emission rate and NOx concentration values substituted for missing data under Subpart D of 40 CFR Part 75 are calculated using only values from a control period and do not systematically underestimate NOx emissions.

Condition 114: EPA Region 2 address.
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 114.1:
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Condition 115: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.7(a), NSPS Subpart A

Item 115.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: H-OFURN
Process: 418

Emission Unit: H-OFURN
Process: 426

Emission Unit: U-28002
Process: 410

Item 115.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility also has not replaced the burners of the 21 or 35 Hot Oil Furnaces of Process 426. After this Process becomes operable, the certification will become applicable to Process 411 and 426.

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30
days after such date;
2) a notification of the anticipated date of initial start up, post marked not more than 60 days not less than 30 days prior to such date;
3) a notification of the actual date of initial start up, post marked within 15 days after such date;
4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as

practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
5) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 116: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A

Item 116.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 116.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 117: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.7(c), NSPS Subpart A

Item 117.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 117.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 118: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.7(d), NSPS Subpart A

Item 118.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 118.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 119: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A

Item 119.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 119.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 120: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 120.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 120.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 121: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.13(a), NSPS Subpart A

Item 121.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 121.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For the purposes of this section, all continuous monitoring systems required under applicable subparts
shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 122: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.13(d), NSPS Subpart A

Item 122.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 122.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 123: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.44b(h), NSPS Subpart Db

Item 123.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Item 123.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 124: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.48b(c), NSPS Subpart Db

Item 124.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 124.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The continuous monitoring systems required under paragraph 40 CFR 60.48b (b) shall be operated and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 125: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db

Item 125.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 125.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 126: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.49b(g), NSPS Subpart Db

Item 126.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 410

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 126.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit
operating day:
1) Calendar date.
2) The average hourly nitrogen oxides emission rates (expressed as NO2) (ng/J or lb/million Btu heat input) measured or predicted.
3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
8) Identification of the times when the pollutant concentration exceeded the full span of the continuous
monitoring system.
9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 127: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.112b(a)(3), NSPS Subpart Kb

Item 127.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 098 Emission Source: 62T56

Emission Unit: C-27018
Process: 098 Emission Source: 62T61

Emission Unit: C-27018
Process: 748 Emission Source: 6204A

Emission Unit: C-27018
Process: 748 Emission Source: 62T12

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 127.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each storage vessel either with a design capacity > or = 151 m3 containing a VOL that, as stored, has a maximum true vapor pressure > or = 5.2 kPa but < 76.6 kPa or with a design capacity > or = 75 m3 but < 151 m3 containing a VOL that, as stored, has a maximum true vapor pressure > or = 27.6 kPa but < 76.7 kPa, shall equip each storage vessel with a closed vent system and control device meeting the following specification: The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of < 500 ppm above background and visual inspection, as determined in Part 60 Subpart VV, section 60.485(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 128: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.113b(c), NSPS Subpart Kb

Item 128.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 098 Emission Source: 62T56

Emission Unit: C-27018
Process: 098 Emission Source: 62T61

Emission Unit: C-27018
Process: 748 Emission Source: 6204A

Emission Unit: C-27018
Process: 748 Emission Source: 62T12

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 128.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each source that is equipped with a closed vent system and control device as required in Section 60.112b(a)(3) or (b)(2) (other than a flare) is exempt from Section 60.8 of the General Provisions and shall meet the following requirements:
(1) Submit for approval by the Administrator as an attachment to the notification required by Section 60.7(a)(1) an operating plan containing the information listed below:
(i) Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions. This documentation is to include a description of the gas stream which enters the control device, including flow and VOC content under varying liquid level conditions and manufacturer's design specification for the control device. If the control device or the closed vent capture system receives vapors, gases or liquids other than fuels from sources that are not designated sources under this subpart, the efficiency demonstration is to include consideration of all vapors, gases and liquids received by the closed vent capture system and control device. If an enclosed combustion device with a minimum residence time of 0.75 seconds and a minimum temperature of 816 degrees C is used to meet the 95% requirement, documentation that these conditions will exist is sufficient to meet the requirements of this paragraph.
(ii) A description of the parameter to be monitored to ensure that the control device will be operated in conformance with its design and an explanation of the criteria used for selection of that parameter.
(2) Operate the closed vent system and control device and

monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with paragraph (c)(1) of this section, unless the plan was modified by the Administrator during the review process. In this case, the modified plan applies.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 129: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.115b(c), NSPS Subpart Kb

Item 129.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 098 Emission Source: 62T56

Emission Unit: C-27018
Process: 098 Emission Source: 62T61

Emission Unit: C-27018
Process: 748 Emission Source: 6204A

Emission Unit: C-27018
Process: 748 Emission Source: 62T12

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 129.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owner or operator shall keep the following records
(1) A copy of the operating plan.
(2) A record of the measured values of the parameters monitored in accordance with section 60.113b(c)(2).

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 130: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 130.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 24136

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 130.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each storage vessel, as specified in 40 CFR 60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept on site for the life of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters in subject to no provision of 40 CFR 60 Subpart Kb other than those required by the above paragraph.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 131: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.662(a), NSPS Subpart NNN

Item 131.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 090 Emission Source: M4MRC

Emission Unit: C-27018
Process: 098 Emission Source: 114BC

Emission Unit: C-27018
Process: 401 Emission Source: M4MRC

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 131.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The permittee shall reduce emissions of TOC (less methane and ethane) by 98 weight-percent, or to a TOC (less methane and ethane) concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen, whichever is less stringent. For the boiler or process heater used to comply with this paragraph, the vent stream shall be introduced into the flame zone of the boiler or process heater.

An initial performance test as required by the NSPS General Provisions (40 CFR §60.8) has already been
performed. For any future performance test, the permittee must follow the methods and procedures in 40 CFR §60.664 as appropriate. That section specifies EPA Method 1 or 1A for selection of the sampling site(s); Method 2, 2A, 2C, or 2D for gas volumetric flow rate; Method 3 for oxygen concentration; and Method 18 for TOC concentration. It also specifies the sampling times and methods for calculating emissions and emission reductions. For the purpose of demonstrating compliance with § 60.662, all affected facilities shall be run at full operating conditions and flow rates during any performance test.

Continuing compliance will be determined by monitoring vent stream flow and boiler/process heater temperature per 40 CFR §60.663(c). Monitoring records shall be maintained and reported according to 40 CFR §60.665 as described in the permit condition citing that section.

Parameter Monitored: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)
Lower Permit Limit: 98 percent by weight
Reference Test Method: Methods 1-3 & 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 132: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.663(a), NSPS Subpart NNN

Item 132.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 090 Emission Source: M4MRC

Emission Unit: C-27018
Process: 098 Emission Source: 114BC

Emission Unit: C-27018
Process: 401 Emission Source: M4MRC

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 132.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of an affected facility that uses an incinerator to seek to comply with the TOC emission limit specified under 40 CFR 60.662(a) shall install, calibrate, maintain, and operate according to manufacturer's specifications the following equipment:

(1) a temperature monitoring device equipped with a continuous recorder and having an accuracy of +/- 1 % of the temperature being monitored expressed in degrees Celsius or +/- 0.5 deg C, whichever is greater.

(i) where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox.

(ii) where a catalytic incinerator is used, temperature monitoring devices shall be installed in the gas stream immediately before and after the catalyst bed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.665, NSPS Subpart NNN

Item 133.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 090 Emission Source: M4MRC

Emission Unit: C-27018
Process: 098 Emission Source: 114BC

Emission Unit: C-27018
Process: 401 Emission Source: M4MRC

Item 133.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee shall notify the Administrator of the specific provisions of § 60.662 (§ 60.662 (a), (b), or (c)) with which the owner or operator has elected to comply. Notification shall be submitted with the notification of initial start-up required by § 60.7(a)(3). If an owner or operator elects at a later date to use an alternative provision of § 60.662 with which he or she will comply, then the Administrator shall be notified by the owner or operator 90 days before implementing a change and, upon implementing the change, a performance test shall be performed as specified by §60.664 within 180 days.

The permittee shall keep an up-to-date, readily accessible record of the following data measured during each performance test, and also include the following data in the report of the initial performance test required under § 60.8. Where a boiler or process heater with a design heat input capacity of 44 MW (150 million Btu/hour) or greater is used to comply with § 60.662(a), a report containing performance test data need not be submitted, but a report containing the information in § 60.665(b)(2)(i) is required. The same data specified in this permit condition shall be submitted in the reports of all subsequently required performance tests where either the emission control efficiency of a control device, outlet concentration of TOC, or the TRE index value of a vent stream from a recovery system is determined.

(i) A description of the location at which the vent stream is introduced into the boiler or process heater, and
(ii) The average combustion temperature of the boiler or process heater with a design heat input capacity of less than 44 MW (150 million Btu/hr) measured at least every 15 minutes and averaged over the same time period of the performance testing.

The permittee shall keep up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored under § 60.663 (a) and (c) as

well as up-to-date, readily accessible records of periods of operation during which the parameter boundaries established during the most recent performance test are exceeded. The Administrator may at any time require a report of these data. Periods of operation during which the parameter boundaries established during the most recent performance tests are exceeded are defined as follows:

a) All 3-hour periods of operation during which the average combustion temperature was more than 28 °C (50 °F) below the average combustion temperature during the most recent performance test at which compliance with § 60.662(a) was determined.
b) Whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under § 60.662(a).

The permittee shall keep up to date, readily accessible continuous records of the flow indication specified under § 60.663(a)(2), § 60.663(b)(2) and § 60.663(c)(1), as well as up-to-date, readily accessible records of all periods when the vent stream is diverted from the control device or has no flow rate.

The permittee is exempt from the quarterly reporting requirements contained in § 60.7(c) of the General Provisions with regard to the records maintained pursuant to this condition.

The permittee shall submit to the Administrator semiannual reports of the following recorded information. The initial report shall be submitted within 6 months after the initial start-up date.

a) Exceedances of monitored parameters recorded under § **60.665 (c) and (g) (Item 135.4 above).**
b) All periods recorded under § 60.665(d) when the vent stream is diverted from the control device or has no flow **rate (Item 135.5 above).**

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 134: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 60.702(a), NSPS Subpart RRR

Item 134.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 098 Emission Source: 64RDD

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 134.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The permittee shall reduce emissions of TOC (less methane and ethane) by 98 weight-percent, or to a TOC (less methane and ethane) concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen, whichever is less stringent.

The new redistribution reactor (ES 97NRR) meets the NSPS Subpart RRR requirements by routing the vents to the site's hazardous waste incinerators, which has a 99.99%VOC destruction requirement. Compliance with the temperature requirements for the RKI and Fixed Box Incinerator meets the requirements of NSPS Subpart RRR. The vent line to the incinerators does not have a bypass, so the vent flow requirements do not apply.

Parameter Monitored: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)
Lower Permit Limit: 98 percent by weight
Reference Test Method: Methods 1-3 & 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 135: Applicability of General Provisions of 40 CFR 61 Subpart A
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 61, NESHAP Subpart A

Item 135.1: This emission source is subject to the applicable General Provisions of 40 CFR 61. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements

Condition 136: Demolition and Renovation
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 61.145, NESHAP Subpart M

Item 136.1: The permittee shall comply with applicable requirements of the National Emissions Standards for Asbestos specified in 40 CFR 61, Subpart M, and provide to the administrator or other governing agency reports as required.

Notification requirements: The permittee shall provide the USEPA Administrator with written notice of the intention to demolish or renovate as outlined in 40 CFR 61.145(b).

The permittee shall comply with all applicable procedures for removal of RACM in 40 CFR 61.145(c).

Condition 137: Operations during startup, shutdown, and malfunction - §63.6(e)(1)(i)-(iii)
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(e)(1), Subpart A

Item 137.1:
At all times, including during periods of startup, shutdown, and malfunction, the owner/operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. During a period of startup, shutdown, or malfunction, this general duty to minimize emissions requires that the owner/operator reduce emissions from the affected source to the greatest extent which is consistent with safety and good air pollution control practices. The general duty to minimize emissions during a period of startup, shutdown, or malfunction does not require the owner/operator to achieve emission levels that would be required by the applicable standard at other times if this is not consistent with safety and good air pollution control practices, nor does it require the owner/operator to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the NYSDEC which may include, but is not limited to, monitoring results, review of operation and maintenance procedures (including the startup, shutdown, and malfunction plan required in §63.6(e)(6)), review of operation and maintenance records, and inspection of the source.

Malfunctions must be corrected as soon a practicable after their occurrence. To the extent that an unexpected event arises during a startup, shutdown, or malfunction, an owner/operator must comply by minimizing emissions during such a startup, shutdown, and malfunction event consistent with safety and good air pollution control practices.

Operation and maintenance requirements established pursuant to section 112 of the Clean Air Act are enforceable independent of emissions limitations or other requirements in relevant standards.

Condition 138: Operation and Maintenance Requirements
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(e)(1)(i), Subpart A

Item 138.1:
At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain any affected source, including associated air pollution control equipment,

in a manner consistent with good air pollution control practices for minimizing emissions at least to the levels required by all relevant standards. Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the startup, shutdown, and malfunction plan required in §63.6(e)(3). Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.
Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures (including the startup, shutdown, and malfunction plan required in §63.6(e)(3)), review of operation and maintenance records, and inspection of the source.

Condition 139: Startup, Shutdown and Malfunction
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(e)(3), Subpart A

Item 139.1:
The owner or operator of an applicable source shall develop and implement a written startup, shutdown and malfunction (SSM) plan that describes in detail procedures for operating and maintaining the source during periods of SSM and a program of corrective action for malfunctioning process and air pollution control equipment used to comply with the relevant standard. Consult 40 CFR 63.6(e)(3) (i through viii) for specific requirements regarding SSM plans.

Condition 140: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(f)(1), Subpart A

Item 140.1:
The Compliance Certification activity will be performed for the Facility.

Item 140.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The nonopacity emission standards set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction, and as otherwise specified in an applicable subpart.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 141: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(f)(2)(i), Subpart A

Item 141.1:
The Compliance Certification activity will be performed for the Facility.

Item 141.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Administrator will determine compliance with nonopacity emission standards in this part based on the results of performance tests conducted according to the procedures in 40 CFR 63.7, unless otherwise specified in an applicable subpart of 40 CFR 63.

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 142: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6(f)(2)(ii), Subpart A

Item 142.1:
The Compliance Certification activity will be performed for the Facility.

Item 142.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Administrator will determine compliance with nonopacity emission standards in this part by evaluation of an owner or operator's conformance with operation and maintenance requirements, including the evaluation of monitoring data, as specified in 40 CFR 63.6(e) and applicable subparts of 40 CFR 63.

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 143: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.102(a)(2), Subpart F

Item 143.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 143.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions set forth in subpart H shall apply at all times except during periods of startup, shutdown, malfunction, process unit shutdown (as defined in º63.161), or non-operation of the chemical manufacturing process unit in which the lines are drained and depressurized resulting in cessation of the emissions to which subpart H would apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 144: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.102(a)(2), Subpart F

Item 144.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 402

Emission Unit: C-27018
Process: 403

Emission Unit: C-27018
Process: 404

Emission Unit: C-27018
Process: 405

Emission Unit: C-27018
Process: 406

Item 144.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 145: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 145.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 406

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 145.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner/operator shall develop a monitoring plan that documents the procedures to be used to detect leaks. The plan shall require monitoring of at least one surrogate indicator or at least one process parameter that indicates a leak in the heat exchange system. Examples of acceptable surrogate indicators include ion specific electrode monitoring, pH, conductivity, or other representative indicators. The plan shall include:

- A description of the parameter or condition and how it will indicate a leak.
- The parameter level(s) or condition(s) that constitutes a leak.
- The monitoring frequency (monthly for the first 6 months and then quarterly)
- The records that will be kept to document compliance

The owner/operator shall revise the plan within 180 days if a leak is identified by a method not in the plan and the methods in the plan could not detect the leak. The plan shall be maintained on-site and be readily accessible within 2 hours after a request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 146: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 146.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 406

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 146.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The cooling water shall be monitored for total HAPs, total VOCs, TOC, one or more speciated HAPs, or any other representative substances that would indicate the presence of a leak. The cooling water shall be monitored monthly for the first six months and quarterly thereafter.

The concentration of the monitored parameter can be measured using any method listed in 40 CFR Part 136 with the ability to measure as low as 10 ppm. The samples shall be collected at the entrance and exit of the cooling water into the heat exchange system. The average entrance and exit concentrations shall be calculated from at least 3 samples. A leak is detected if the exit mean concentration is greater than the entrance mean concentration using a one-sided statistical procedure at the 0.05 level of significance and it is greater by more than 1 ppm or 10%, whichever is greater.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 6/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 147: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.105, Subpart F

Item 147.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 404 Emission Source: MNTWW

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 147.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator shall prepare a description of maintenance procedures for management of wastewaters, which contain organic HAPs listed in table 9 of Subpart G, that are generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns such as routine maintenance.

The description shall specify the following:

1) process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities;
2) procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and
3) procedures to be followed when clearing materials from process equipment.

This information shall be updated as needed following each maintenance procedure based on the actions taken and the wastewater generated in the preceding maintenance procedure. The procedures described shall be implemented as part of the startup, shutdown, and malfunction plan required under 40CFR63.6(e)(3).

A record shall be maintained of the information required above in the startup, shutdown, and malfunction plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 148: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.105, Subpart F

Item 148.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 210 Emission Source: MWWM1

Emission Unit: C-27035
Process: 211 Emission Source: MWWM2

Emission Unit: F-INISH

Process: 212 Emission Source: MWWM3

Item 148.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner/operator shall prepare a description of maintenance procedures for management of wastewaters, which contain organic HAPs listed in Tables 8 and 9 of Subpart FFFF, that are generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns such as routine maintenance. The description shall specify the following:

1) process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities;
2) procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and
3) procedures to be followed when clearing materials from process equipment.

This information shall be updated as needed following each maintenance procedure based on the actions taken and the wastewater generated in the preceding maintenance procedure. The procedures described shall be implemented as part of the startup, shutdown, and malfunction plan required under 40CFR63.6(e)(3). A record shall be maintained of the information required above in the startup, shutdown, and malfunction plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 149: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.113, Subpart G

Item 149.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 149.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(c) Halogenated vent streams from Group 1 process vents that are combusted shall be controlled according to paragraph (c)(1) of this section. (1) If a combustion device is used to comply with paragraph (a)(2) of this section for a halogenated vent stream, then the gas stream exiting the combustion device shall be conveyed to a halogen reduction device, such as a scrubber, before it is discharged to the atmosphere.

(i)

(ii) If a scrubber or other halogen reduction device was installed prior to December 31, 1992, the device shall reduce overall emissions of hydrogen halides and halogens, as defined in § 63.111 of this subpart, by 95 percent or shall reduce the outlet mass of total hydrogen halides and halogens to less than 0.45 kilograms per hour, whichever is less stringent.

The MCS vent scrubber (MCSVS) satisfies this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 150: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.113(a)(2), Subpart G

Item 150.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 150.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Monitoring Description:

The owner /operator of a Group 1 process vent shall reduce emissions of total OHAP by 98% by weight or to a concentration of 20 ppm by volume whichever is less stringent. If a control device is used to comply with this requirement, the owner /operator shall use Method 18 as described in §63.116(c) in order to demonstrate compliance with the emissions reduction requirement.

The MCS vent incinerator (MCSVI) satisfies this requirement.

Parameter Monitored: TOTAL HAP
Lower Permit Limit: 98 percent reduction by weight
Reference Test Method: Method 18
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 151: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.113(b), Subpart G

Item 151.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 151.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) If a boiler or process heater is used to comply with the percent reduction requirement or concentration limit specified in paragraph (a)(2) of this section, then the vent stream shall be introduced into the flame zone of such a device.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 152: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114, Subpart G

Item 152.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 152.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart.
(1)
(2)
(3)
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow. Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.
(b)
(c)
(d)
(e) The owner or operator shall establish a range that indicates proper operation of the control or recovery
device for each parameter monitored under paragraphs (a), (b), and (c) of this section. In order to establish the range, the information required in § 63.152(b) of this subpart shall be submitted in the Notification of Compliance Status or the operating permit application or amendment. The range may be based upon a prior performance test conducted for determining compliance with a

regulation promulgated by the EPA, and the owner or operator is not required to conduct a performance test under § 63.116 of this subpart, if the prior performance test was conducted using the same methods specified in § 63.116 and either no process changes have been made since the test, or the owner or operator can demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process changes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 153: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(1)(i), Subpart G

Item 153.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L17

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 153.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(1) Where an incinerator is used, a temperature monitoring

device equipped with a continuous recorder is required.

(i) Where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall
be installed in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 999 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 154: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(1)(i), Subpart G

Item 154.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L16

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 154.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance

that the equipment would reasonably be expected to monitor accurately.
(1) Where an incinerator is used, a temperature monitoring device equipped with a continuous recorder is required.

(i) Where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees Centigrade (or Celsius)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 155: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(3), Subpart G

Item 155.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401 Emission Source: MCSVI

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 155.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance

that the equipment would reasonably be expected to monitor accurately.
(1)
(2)
(3) Where a boiler or process heater of less than 44 megawatts design heat input capacity is used, the following monitoring equipment is required: a temperature monitoring device in the firebox equipped with a continuous recorder. This requirement does not apply to gas streams that are introduced with primary fuel or are used as the primary fuel.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1750 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 156: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(i), Subpart G

Item 156.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L15

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 156.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 8.4 is required for the IWS scrubber.

Parameter Monitored: PH
Lower Permit Limit: 8.4 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 157: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(i), Subpart G

Item 157.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401 Emission Source: MCSVS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 157.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 3.75 is required.

Parameter Monitored: PH
Lower Permit Limit: 3.75 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 158: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 158.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97003

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 158.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Monitoring of the stack flow rate for 40 CFR Part 63, Subpart EEE compliance meets the requirements of this condition.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 20524 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 159: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 159.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97002

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 159.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Monitoring of the stack flow rate for 40 CFR Part 63, Subpart EEE compliance meets the requirements of this condition.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6832 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 160: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 160.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 160.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6500 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 161: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 161.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L13

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 161.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flow rate will be monitored to maintain 1017 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1017 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 162: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 162.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L14

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 162.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flow rate will be monitored to maintain 1,117 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1178 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 163: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 163.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 401 Emission Source: MCSVS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 163.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 164: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 164.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L12

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 164.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flow rate will be monitored to maintain 1,227 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1227 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 165: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.114(a)(4)(ii), Subpart G

Item 165.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 165.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Monitoring of the stack flow rate for 40 CFR Part 63, Subpart EEE compliance meets the requirements of this condition.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6630 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 166: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.119(b), Subpart G

Item 166.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 402

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 166.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator that elects to use a fixed roof and an internal floating roof shall comply with the following requirements:

1) The internal floating roof shall be floating on the

liquid surface at all times except when the floating roof must be supported by leg supports during initial fill, after the vessel is emptied and degassed, and when the vessel is completely emptied before being subsequently refilled.
2) When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.
3) Each internal floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device shall consist of a liquid-mounted seal, a metallic shoe seal, or two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof edge. The closure device shall consist of a liquid-mounted seal, a metallic shoe seal, or two seals mounted one above the oother so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof.
4) Automatic bleeder vents are to be closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports.
5) Each internal floating roof shall meet the specifications listed in 40 CFR63.119(b)(5)(i)-(vii).
6) Each cover or lid on any opening in the floating roof shall be closed, except when the cover or lid must be opened for access.

To demonstrate compliance with these requirements the owner/operator shall:

2) For vessels with a double-seal system, the owner/operator shall perfrom one of the following:
A) The internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes, and sleeve
seals shall be visually inspected each time the vessel is emptied and degassed and at least once every 5 years after the compliance date in Subpart F; or
B) Visually inspect the internal floating roof and the secondary seal through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill or the compliance date, and visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes, and sleeve seals each time the vessel is emptied and degassed and at least once every 10 years after the compliance date.
4) Except as listed in 40 CFR 63.120(a)(6), for all visual

inspections made that are not through manholes or roof hatches, the owner/operator shall notify the Administrator in writing at least 30 days prior to refilling.
5) If during the inspections not through manholes or roof hatches, the internal floating roof has defects; the primary seal has holes, tears or other openings in the seal or the seal fabric; the secondary seal has holes, tears, or other openings in the seal or the seal fabric; or the gaskets no longer close off the liquid surface from the atmosphere; or the slotted membrane has more than 10% open area, the owner/operator shall repair the items as necessary so that none of the conditions specified exist before refilling the vessel with organic HAP.
As part of the periodic reports required in 40 CFR 63.152(c), the owner/operator shall report the results of
each inspection required above when a failure is detected. A failure is defined in 40 CFR 63.122(d)(1)(i) and (d)(2)(i). Each periodic report shall include the date of the inspection, identifiaction of each storage vessel in which a failure was detected, a description of the failure, and the nature of and date the repair was made.

The owner/operator shall also keep records of each inspection made above.

This monitoring activity also meets the requirements of 6 NYCRR Part 229.3(e)(1).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 167: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.119(e), Subpart G

Item 167.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 405

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 167.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The owner/operator of each closed vent system and control device for storage vessels shall design and operate the control device to reduce inlet emissions of total organic HAP by 95% or greater.

Periods of planned routine maintenance of the control device, during which the control device will not meet the percent reduction requirement above, shall not exceed 240 hours per year. Compliance with this provision shall be demonstrated by submitting with each periodic report as required by 40CFR63.152(c), a description of the planned routine maintenance anticipated for the next 6 months including the type of maintenance necessary, planned frequency, and lengths of maintenance periods, along with a description of the maintenance performed within the last 6 months including the type of maintenance and the total number of hours that the control device did not meet the percent reduction requirement above.

To demonstrate compliance, the owner/operator shall either prepare a design evaluation or submit the results of a performance test. The design evaluation shall include documentation demonstrating that the control device being used achieves the required control efficiency during reasonably expected maximum filling rate. This documentation shall include a description of the gas stream which enters the control device, including flow and organic HAP content under varying liquid level conditions, and the information specified in 40CFR63.120(d)(1)(i)(A) through (E), as applicable.

The performance test must demonstrate that the control device achieves greater than or equal to the required control efficiency specified above and shall be submitted with the Notification of Compliance Status report as required by 40CFR63.151(b). The owner/operator in this case shall also submit identification of the emission points that share the control device with the storage vessel and for which the performance test will be conducted.

The owner/operator shall submit a monitoring plan with the Notification of Compliance Status report as required by 40CFR63.151(b) containing a description of the parameter of parameters to be monitored to ensure that the control device is being properly operated and maintained, an explanation of the criteria used for selection of that parameter, the operating range for each parameter, and the frequency with which monitoring will be performed. If the owner/operator wishes to submit the results from a

performance test, an identification of the storage vessel, control device, and emission point(s) that share the control device shall also be submitted.

Parameter Monitored: TOTAL HAP
Lower Permit Limit: 95 percent reduction by weight
Reference Test Method: Method 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 168: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.123(a), Subpart G

Item 168.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 405

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 168.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 169: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.132(a)(3), Subpart G

Item 169.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 403 Emission Source: PROWW

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 169.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Requirements for Group 2 wastewater streams. This paragraph does not apply to Group 2 wastewater streams that are used to comply with §63.138(g). For Group 2 wastewater streams, the owner or operator shall keep in a readily accessible location the records specified in (i) through (iv) below and include this information in the Notification of Compliance Status Report. This information may be submitted in any form. Table 15 of this subpart is an example.
(i) Process unit identification and description of the process unit.
(ii) Stream identification code.
(iii) For existing sources, concentration of table 9 compound(s) in parts per million, by weight. For new
sources, concentration of table 8 and/or table 9 compound(s) in parts per million, by weight. Include documentation of the methodology used to determine concentration.
(iv) Flow rate in liter per minute.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 170: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.132(f), Subpart G

Item 170.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Item 170.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, owners or operators of sources subject to this subpart shall not discard liquid or solid organic materials with a concentration of greater than 10,000 parts per million of Table 8 and 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of §63.144(b) of this subpart) from an MCPU to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. This prohibition does not apply to materials from the activities listed in paragraphs (f)(1) through (f)(4) of this section.
(1) Equipment leaks;
(2) Activities included in maintenance or startup/shutdown/malfunction plans;
(3) Spills; or
(4) Samples of a size not greater than reasonably necessary for the method of analysis that is used.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 171: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.133(a)(1), Subpart G

Item 171.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Process: 788	Emission Point: 24141 Emission Source: 23APS
Emission Unit: C-27018 Process: 788	Emission Point: 24949 Emission Source: CL901
Emission Unit: F-INISH Process: 778	Emission Point: 37948 Emission Source: 37APS
Emission Unit: F-INISH Process: 781	Emission Point: 37948 Emission Source: 37APS
Emission Unit: W-97004 Process: 705	Emission Point: 97104 Emission Source: 9728A

Emission Unit: W-97004 Emission Point: 97005
Process: 705 Emission Source: 9728B

Emission Unit: W-97004 Emission Point: 97043
Process: 705 Emission Source: 97NEU

Emission Unit: W-97004 Emission Point: 97017
Process: 705 Emission Source: 97NTK

Emission Unit: W-97004 Emission Point: 97042
Process: 705 Emission Source: 97SEP

Emission Unit: W-97004 Emission Point: 97104
Process: 825 Emission Source: 9728A

Item 171.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the requirements of either paragraph (a)(1) or (a)(2) of this section as specified in table 10 of this subpart.

Tanks with a capacity that is less than 75 cubic meters must comply with Section 63.133(a)(1): operate and maintain a fixed roof.

In accordance with 40 CFR 63.2535(g), the facility may elect to determine whether the applicable RCRA provisions of 40 CFR Parts 260 through 270 contain more stringent requirements and, if so, comply with this permit condition by fulfilling the applicable RCRA provisions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 172: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.133(a)(1), Subpart G

Item 172.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 23100

Process: 751	Emission Source: 23SSS
Emission Unit: W-97004 Process: 705	Emission Point: 97020 Emission Source: 539AT
Emission Unit: W-97004 Process: 705	Emission Point: 97021 Emission Source: 539BT
Emission Unit: W-97004 Process: 705	Emission Point: 97011 Emission Source: 97HT1
Emission Unit: W-97004 Process: 705	Emission Point: 97012 Emission Source: 97HT2
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK17
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK18
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK19

Item 172.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the requirements of either paragraph (a)(1) or (a)(2) of this section as specified in table 10 of this subpart.

Tanks with a capacity that is greater than 75 and less than 151 cubic meters and receiving material with a maximum true vapor pressure that is less than 13.1kPa must comply with Section 63.133(a)(1): operate and maintain a fixed roof.

In accordance with 40 CFR 63.2535(g), the facility may elect to determine whether the applicable RCRA provisions of 40 CFR Parts 260 through 270 contain more stringent requirements and, if so, comply with this permit condition by fulfilling the applicable RCRA provisions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 173: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.133(a)(2), Subpart G

Item 173.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 213

Emission Unit: C-27035
Process: 214

Emission Unit: F-INISH
Process: 215

Item 173.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each wastewater tank that receives, manages, or treats a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the requirements of either paragraph (a)(1) or (a)(2) of this section as specified in table 10 of this subpart.

Tanks with a capacity that is greater than or equal to 151 cubic meters must comply with Section 63.133(a)(2): (ii) A fixed roof and an internal floating roof that meets the requirements specified in §63.119(b) of this subpart. Tank 40KEQ will be vented to the RKI (96RKI) or the Fixed Box #2 Incinerator (93FBI) to meet this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 174: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.133(f), Subpart G

Item 174.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 24141
Process: 788 Emission Source: 23APS

Emission Unit: C-27018 Process: 788	Emission Point: 24949 Emission Source: CL901
Emission Unit: F-INISH Process: 751	Emission Point: 23100 Emission Source: 23SSS
Emission Unit: F-INISH Process: 778	Emission Point: 37948 Emission Source: 37APS
Emission Unit: F-INISH Process: 781	Emission Point: 37948 Emission Source: 37APS
Emission Unit: W-97004 Process: 705	Emission Point: 97020 Emission Source: 539AT
Emission Unit: W-97004 Process: 705	Emission Point: 97021 Emission Source: 539BT
Emission Unit: W-97004 Process: 705	Emission Point: 97104 Emission Source: 9728A
Emission Unit: W-97004 Process: 705	Emission Point: 97005 Emission Source: 9728B
Emission Unit: W-97004 Process: 705	Emission Point: 97011 Emission Source: 97HT1
Emission Unit: W-97004 Process: 705	Emission Point: 97012 Emission Source: 97HT2
Emission Unit: W-97004 Process: 705	Emission Point: 97043 Emission Source: 97NEU
Emission Unit: W-97004 Process: 705	Emission Point: 97017 Emission Source: 97NTK
Emission Unit: W-97004 Process: 705	Emission Point: 97042 Emission Source: 97SEP
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK17
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK18
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK19
Emission Unit: W-97004 Process: 825	Emission Point: 97104 Emission Source: 9728A

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Except as provided in paragraph (e) of this section, each wastewater tank shall be inspected initially, and semi-annually thereafter, for improper work practices in accordance with §63.143 of this subpart. For wastewater tanks, improper work practice includes, but is not limited to, leaving open any access door or other opening when such door or opening is not in use.

In accordance with 40 CFR 63.2535(g), the facility may elect to determine whether the applicable RCRA provisions of 40 CFR Parts 260 through 270 contain more stringent requirements and, if so, comply with this permit condition by fulfilling the applicable RCRA provisions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 175: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(b), Subpart G

Item 175.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 175.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(b) The owner or operator shall operate and maintain a cover on each container used to handle, transfer, or store a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream in accordance with the following requirements:
(1)
(2) If the capacity of the container is less than or equal

to 0.42 m3, the owner or operator shall comply with either paragraph (b)(2)(i) or (b)(2)(ii) of this section.
(i) The container must meet existing Department of Transportation specifications and testing requirements under 49 CFR part 178; or
(ii) Except as provided in paragraph (d)(4) of this section, the cover and all openings shall be maintained without leaks as specified in §63.148 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 176: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(b), Subpart G

Item 176.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 176.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) The owner or operator shall operate and maintain a cover on each container used to handle, transfer, or store a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream in accordance with the following requirements:
(1) Except as provided in paragraph (d)(4) of this section, if the capacity of the container is greater than 0.42 m3, the cover and all openings (e.g., bungs, hatches, sampling ports, and pressure relief devices) shall be maintained in accordance with the requirements specified in §63.148 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 177: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(b), Subpart G

Item 177.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 177.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(3) The cover and all openings shall be maintained in a closed position (e.g., covered by a lid) at all times that a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream is in the container except when it is necessary to use the opening for filling, removal, inspection, sampling, or pressure relief events related to safety considerations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 178: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(c), Subpart G

Item 178.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 178.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(c) For containers with a capacity greater than or equal to 0.42 m3, a submerged fill pipe shall be used when a container is being filled by pumping with a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream.
(1) The submerged fill pipe outlet shall extend to no more than 6 inches or within two fill pipe diameters of the bottom of the container while the container is being filled.
(2) The cover shall remain in place and all openings shall be maintained in a closed position except for those openings required for the submerged fill pipe and for venting of the container to prevent physical damage or permanent deformation of the container or cover.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 179: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(e), Subpart G

Item 179.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 179.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each container shall be inspected initially, and semi-annually thereafter, for improper work practices and control equipment failures in accordance with §63.143 of this subpart.

(1) For containers, improper work practice includes, but is not limited to, leaving open any access hatch or other opening when such hatch or opening is not in use.
(2) For containers, control equipment failure includes, but is not limited to, any time a cover or door has a gap or crack, or is broken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 180: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.135(f), Subpart G

Item 180.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 180.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as provided in §63.140 of this subpart, when an improper work practice or a control equipment failure is identified, first efforts at repair shall be made no later than 5 calendar days after identification and repair shall be completed within 15 calendar days after identification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 181: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.136, Subpart G

Item 181.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 209

Emission Unit: C-27035
Process: 208

Emission Unit: F-INISH
Process: 207

Item 181.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

63.136(a) For each individual drain system that receives or manages a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the requirements of paragraphs (b), (c), and (d) or with paragraphs (e), (f), and (g) of this section.

(b) If the owner or operator elects to comply with this paragraph, the owner or operator shall operate and maintain on each opening in the individual drain system a cover and if vented, route the vapors to a process or through a closed vent system to a control device. The owner or operator shall comply with the requirements of paragraphs (b)(1) through (b)(5) of this section.
(1) The cover and all openings shall meet the following requirements:
(i) Except as provided in paragraph (b)(4) of this section, the cover and all openings (e.g., access hatches, sampling ports) shall be maintained in accordance with the requirements specified in §63.148 of this subpart.
(ii) The cover and all openings shall be maintained in a closed position at all times that a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream is in the drain system except when it is necessary to use the opening for sampling or removal, or for equipment inspection, maintenance, or repair.
(2) The control device shall be designed, operated, and inspected in accordance with §63.139 of this subpart.

(3) Except as provided in paragraph (b)(4) of this section, the closed-vent system shall be inspected in accordance with §63.148 of this subpart.
(4) For any cover and closed-vent system that is operated and maintained under negative pressure, the owner or operator is not required to comply with the requirements specified in §63.148 of this subpart.

(5) The individual drain system shall be designed and operated to segregate the vapors within the system from other drain systems and the atmosphere.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 182: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.138(a), Subpart G

Item 182.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 217

Emission Unit: C-27035
Process: 218

Emission Unit: F-INISH
Process: 219

Item 182.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(4) Performance tests and design evaluations. If design steam stripper option (§63.138(d)) or Resource Conservation and Recovery Act (RCRA) option (§63.138(h)) is selected to comply with this section, neither a design evaluation nor a performance test is required. For any other non-biological treatment process, and for closed biological treatment processes as defined in §63.111 of this subpart, the owner or operator shall conduct either a design evaluation as specified in §63.138(j), or a performance test as specified in §63.145, of this subpart. For each open biological treatment process as defined in §63.111 of this subpart, the owner or operator shall conduct a performance test as specified in §63.145 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 183: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.138(k), Subpart G

Item 183.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 217

Emission Unit: C-27035
Process: 218

Emission Unit: F-INISH
Process: 219

Item 183.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(k) Residuals. For each residual removed from a Group 1 wastewater stream, the owner or operator shall control for air emissions by complying with §§63.133¿137 of this subpart and by complying with one of the provisions in paragraphs (k)(1) through (k)(4) of this section.
(1)
(2)
(3) Treat the residual to destroy the total combined mass flow rate of Table 8 and/or Table 9 compounds by 99 percent or more, as determined by the procedures specified in §63.145(c) or (d) of this subpart.
(4) Comply with the requirements for RCRA treatment options specified in §63.138(h) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 184: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.139(b), Subpart G

Item 184.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 213

Emission Unit: C-27035

Process: 214

Emission Unit: F-INISH
Process: 215

Item 184.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) Whenever organic hazardous air pollutants emissions are vented to a control device which is used to comply with the provisions of this subpart, such control device shall be operating.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 185: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.139(c), Subpart G

Item 185.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 185.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The control device shall be designed and operated in accordance with paragraph (c)(5) of this section.

(5) Any other control device used shall, alone or in combination with other control devices, reduce the total organic compound emissions, less methane and ethane, or total organic hazardous air pollutants emissions vented to the control device by 95 percent by weight or greater or achieve an outlet total organic compound concentration, less methane and ethane, or total organic hazardous air pollutants concentration of 20 parts per million by volume, whichever is less stringent. The 20 parts per million by volume performance standard is not applicable to compliance with the provisions of §63.134 or §63.135 of this subpart.

Emissions from these sources (PKSDT, 30WWT, and 20KEQ) will be vented to the RKI (96RKI) or Fixed Box #2 Incinerator (93FBI).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 186: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.139(f), Subpart G

Item 186.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 213

Emission Unit: C-27035
Process: 214

Emission Unit: F-INISH
Process: 215

Item 186.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as provided in §63.140 of this subpart, if gaps, cracks, tears, or holes are observed in ductwork, piping, or connections to covers and control devices during an inspection, a first effort to repair shall be made as soon as practical but no later than 5 calendar days after identification. Repair shall be completed no later than 15 calendar days after identification or discovery of the defect.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 187: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.140, Subpart G

Item 187.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 187.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified, is allowed if the repair is technically infeasible without a shutdown, as defined in §63.101 of subpart F of this part, or if the owner or operator determines that emissions of purged material from immediate repair would be greater than the emissions likely to result from delay of repair. Repair of this equipment shall occur by the end of the next shutdown.
(b) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified, is allowed if the equipment is emptied or is no longer used to treat or manage Group 1 wastewater streams or residuals removed from Group 1 wastewater streams.
(c) Delay of repair of equipment for which a control equipment failure or a gap, crack, tear, or hole has been identified is also allowed if additional time is necessary due to the unavailability of parts beyond the control of the owner or operator. Repair shall be completed as soon as practical. The owner or operator who uses this provision shall comply with the requirements of §63.147(b)(7) to document the reasons that the delay of repair was necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 188: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.143(e), Subpart G

Item 188.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 188.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(e) Except as provided in paragraphs (e)(4) and (e)(5) of this section, for each control device used to comply with the requirements of §§63.133 through 63.139 of this subpart, the owner or operator shall comply with the requirements in §63.139(d) of this subpart, and with the requirements specified in paragraph (e)(1), (e)(2), or (e)(3) of this section.
(1) The owner or operator shall comply with the monitoring requirements specified in table 13 of this subpart; or

(2) The owner or operator shall use an organic monitoring device installed at the outlet of the control device and equipped with a continuous recorder. Continuous recorder is defined in §63.111 of this subpart; or
(3) The owner or operator shall request approval to monitor parameters other than those specified in paragraphs (e)(1) and (e)(2) of this section. The request shall be submitted according to the procedures specified in §63.151(f) of this subpart, and shall include a description of planned reporting and recordkeeping procedures. The Administrator will specify appropriate reporting and recordkeeping requirements as part of the review of the permit application or by other appropriate means.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 189: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.143(g), Subpart G

Item 189.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L11

Item 189.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Monitoring equipment shall be installed, calibrated, and maintained according to the manufacturer's specifications

or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 190: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.145(h), Subpart G

Item 190.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: W-97004
Process: 745 Emission Source: BIOR1

Emission Unit: W-97004
Process: 745 Emission Source: BIOR2

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 190.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
When Group 1 wastewaters are treated using the biosystems, the Volatile Suspended Solids (VSS) will be sampled quarterly to demonstrate enhanced biological treatment. If the VSS concentration falls below 1000 mg/L, WATER9 modeling, or equivalent, will be used to demonstrate 95% removal by biological treatment.

The regulated HAPs include only those in 40 CFR 63 Subpart G Tables 8 & 9.

Parameter Monitored: VOLATILE SUSPENDED SOLIDS
Upper Permit Limit: 1000 milligrams per liter
Monitoring Frequency: QUARTERLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 191: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.146(b), Subpart G

Item 191.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Process: 788	Emission Point: 24141 Emission Source: 23APS
Emission Unit: C-27018 Process: 788	Emission Point: 24949 Emission Source: CL901
Emission Unit: F-INISH Process: 751	Emission Point: 23100 Emission Source: 23SSS
Emission Unit: F-INISH Process: 781	Emission Point: 37948 Emission Source: 37APS
Emission Unit: W-97004 Process: 705	Emission Point: 97020 Emission Source: 539AT
Emission Unit: W-97004 Process: 705	Emission Point: 97021 Emission Source: 539BT
Emission Unit: W-97004 Process: 705	Emission Point: 97104 Emission Source: 9728A
Emission Unit: W-97004 Process: 705	Emission Point: 97004 Emission Source: 9728B
Emission Unit: W-97004 Process: 705	Emission Point: 97011 Emission Source: 97HT1
Emission Unit: W-97004 Process: 705	Emission Point: 97012 Emission Source: 97HT2
Emission Unit: W-97004 Process: 705	Emission Point: 97043 Emission Source: 97NEU
Emission Unit: W-97004 Process: 705	Emission Point: 97017 Emission Source: 97NTK
Emission Unit: W-97004 Process: 705	Emission Point: 97042 Emission Source: 97SEP
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK17
Emission Unit: W-97004 Process: 745	Emission Point: 97044 Emission Source: TNK18
Emission Unit: W-97004	Emission Point: 97044

Process: 745 Emission Source: TNK19

Item 191.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, after the compliance dates specified in § 63.2445, if you have a Group 1 wastewater stream that is also subject to provisions in 40 CFR parts 260 through 272, you may elect to determine whether this subpart or 40 CFR parts 260 through 272 contain the more stringent control requirements (e.g., design, operation, and inspection requirements for waste management units; numerical treatment standards; etc.) and the more stringent testing, monitoring, recordkeeping, and reporting requirements. Compliance with provisions of 40 CFR parts 260 through 272 that are determined to be more stringent than the requirements of this subpart constitute compliance with this subpart. For example, provisions of 40 CFR parts 260 through 272 for treatment units that meet the conditions specified in § 63.138(h) constitute compliance with this subpart. You must identify in the notification of compliance status report required by § 63.2520(d) the information and procedures that you used to make any stringency determinations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 192: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.147, Subpart G

Item 192.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 192.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For MCPUs subject to 40 CFR Part 63, Subpart FFFF, the owner or operator shall keep in a readily accessible location the records specified in paragraphs (b)(1) through (8) of the section.
(1) A record that each waste management unit inspection required by §§63.133 through 63.137 of this subpart was performed.
(2) A record that each inspection for control devices required by §63.139 of this subpart was performed.
(3) A record of the results of each seal gap measurement required by §§63.133(d) and 63.137(c) of this subpart. The records shall include the date of the measurement, the raw data obtained in the measurement, and the calculations described in §63.120(b)(2), (3), and (4) of this subpart.

(4) For Item 1 and Item 3 of table 12 of this subpart, the owner or operator shall keep the records approved by the Administrator.
(5) Except as provided in paragraph (e) of this section, continuous records of the monitored parameters specified in Item 2 of table 12 and table 13 of this subpart, and in §63.143(e)(2) of this subpart.
(6) Documentation of a decision to use an extension, as specified in §63.133(e)(2) or (h) of this subpart, which shall include a description of the failure, documentation that alternate storage capacity is unavailable, and specification of a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be emptied as soon as practical.
(7) Documentation of a decision to use a delay of repair due to unavailability of parts, as specified in §63.140(c), shall include a description of the failure, the reason additional time was necessary (including a statement of why replacement parts were not kept on site and when the manufacturer promised delivery), and the date when repair was completed.
(8) Requirements for Group 2 wastewater streams. This paragraph (b)(8) does not apply to Group 2 wastewater streams that are used to comply with §63.138(g). For all other Group 2 wastewater streams, the owner or operator shall keep in a readily accessible location the records specified in paragraphs (b)(8)(i) through (iv) of this section.
(i) Process unit identification and description of the process unit.
(ii) Stream identification code.
(iii) For existing sources, concentration of Table 9 compound(s) in parts per million, by weight. For new sources, concentration of Table 8 and/or Table 9

compound(s) in parts per million, by weight. Include documentation of the methodology used to determine concentration.
(iv) Flow rate in liter per minute.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 193: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148, Subpart G

Item 193.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 205

Emission Unit: C-27035
Process: 206

Emission Unit: F-INISH
Process: 204

Item 193.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(d) For large containers (capacity greater than 0.42 m3) and small containers (capacity less than or equal to 0.42 m3) that do not meet existing Department of Transportation specifications and testing requirements under 49 CFR part 178, the leak inspection provisions in 40 CFR 63.148 apply.

In accordance with 63.148(d), leaks, as indicated by an instrument reading greater than 500 parts per million above background or by visual inspections, shall be repaired as soon as practicable, except as provided in paragraph (e) of this section.
(1) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.
(2) Repair shall be completed no later than 15 calendar days after the leak is detected, except as provided in paragraph (d)(3) of this section.
(e) Delay of repair of a vapor collection system, closed vent system, fixed roof, cover, or enclosure for which leaks have been detected is allowed if the repair is

technically infeasible without a shutdown, as defined in §63.101 of subpart F of this part, or if the owner or operator determines that emissions resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair. Repair of such equipment shall be complete by the end of the next shutdown.
(f)
(g) Any parts of the vapor collection system, closed vent system, fixed roof, cover, or enclosure that are designated, as described in paragraph (i)(1) of this section, as unsafe to inspect are exempt from the inspection requirements of paragraphs (b)(1), (b)(2), and (b)(3)(i) of this section if:
(1) The owner or operator determines that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with paragraphs (b)(1), (b)(2), or (b)(3)(i) of this section; and
(2) The owner or operator has a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times.
(h) Any parts of the vapor collection system, closed vent system, fixed roof, cover, or enclosure that are designated, as described in paragraph (i)(2) of this section, as difficult to inspect are exempt from the inspection requirements of paragraphs (b)(1), (b)(2), and (b)(3)(i) of this section if:
(1) The owner or operator determines that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface; and

(2) The owner or operator has a written plan that requires inspection of the equipment at least once every 5 years.
(i) The owner or operator shall record the information specified in paragraphs (i)(1) through (i)(5) of this section.
(j) The owner or operator shall submit with the reports required by §63.182(b) of subpart H of this part or with the reports required by §63.152(c) of this subpart, the information specified in paragraphs (j)(1) through (j)(3) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 194: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148(b)(1), Subpart G

Item 194.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 194.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
For each vapor collection system or closed vent system that is constructed of hard-piping, an annual visual inspection shall be conducted for visible, audible, or olfactory indications of leaks.

An initial inspection shall also be conducted in accordance with Method 21 of 40CFR60, Appendix A. The monitoring instrument shall be calibrated before use on each day monitoring is performed using the calibration gases listed in 40CFR63.148(c)(4). The arithmetic difference between the maximum concentration indicated by the instrument and the background level shall be compared with 500 ppm for determining whether a leak has occurred.

For each visual and Method 21 inspection conducted during which no leaks were detected, the following records shall be kept:

1) a record that the inspection was performed;
2) the date of the inspection; and
3) a statement that no leaks were detected.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: Method 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 195: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148(d), Subpart G

Item 195.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 195.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Leaks shall be repaired as soon as practicable but completed no later than 15 calendar days after detection
of the leak. A first attempt at repair shall be made no later than 5 calendar days after detection of the leak.

For leaks found in vapor collection systems used for transfer operations, repairs shall be completed no later than 15 calendar days after the leak is detected or at the beginning of the next transfer loading operation, whichever is later.

The following records shall be kept:

1) The instrument identification numbers
2) Operator name or initials
3) Identification of the equipment
4) The date the leak was detected
5) The date the first attempt to repair was made

6) The maximum instrument reading measured after the leak is successfully repaired or determined to be nonrepairable
7) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after detection
8) The name, initials, or other form of identification of the operator whose decision it was that repair could not be effected without a shutdown
9) The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days
10) Dates of shutdowns that occur while the equipment is unrepaired
11) The date of successful repair of the leak.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 196: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148(e), Subpart G

Item 196.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 196.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair of a vapor collection system, closed-vent system, fixed roof, cover, or enclosure for which leaks have been detected is allowed if the repair is technically infeasible without a shutdown or if it is determined that emissions resulting from immediate repair would be greater

than the fugitive emissions likely to result from delay of repair. Repair of such equipment shall be completed by the end of the next shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 197: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148(i), Subpart G

Item 197.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 197.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall record the information specified in paragraphs (i)(4-6).
4) For each inspection during which a leak is detected, a record of the information specified in paragraphs (i)(4)(i-viii).
(i) The instrument identification numbers; operator name or initials; and identification of the equipment.
(ii) The date the leak was detected and the date of the first attempt to repair the leak.
(iii) Maximum instrument reading measured by the method specified in paragraph (d) after the leak is successfully repaired or determined to be non-repairable.
(iv) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.
(v) The name, initials, or other form of identification of the owner or operator (or designee) whose decision it was

that repair could not be effected without a
shutdown.
(vi) The expected date of successful repair of the leak if
a leak is not repaired within 15 calendar days.
(vii) Dates of shutdowns that occur while the equipment is
unrepaired.
(viii) The date of successful repair of the leak. 5) For
each inspection conducted in accordance with 40
CFR
63.147(c) during which no leaks are detected, a record
that the inspection was performed, the date of the
inspection, and a statement that no leaks were
detected.
6) For each visual inspection conducted in accordance with
paragraph 40CFR63.148(b)(1or3)(ii) during which no leaks
are detected, a record that the inspection was performed,
the date of the inspection, and a statement that no leaks
were detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 198: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.148(j), Subpart G

Item 198.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 198.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following information shall be submitted with the

reports required by 40CFR63.182(b) or 40CFR63.152(c):
1) The information recorded for leaks that were detected, as described in 40CFR63.148(i)(4);
2) Reports of the times of all periods when the vent stream is diverted from the control device through a bypass line; and
3) Reports of all periods in which the seal mechanism is broken, the bypass line valve position has changed, or the key to unlock the bypass line valve was checked out.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 199: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.152(d)(1), Subpart G

Item 199.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 402

Emission Unit: C-27018
Process: 405

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 199.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 200: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.160, Subpart H

Item 200.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 200.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) The provisions of this subpart apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references this subpart.

(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:
(1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.
(2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.

(c) If a process unit subject to the provisions of this subpart has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section. (1) 40 CFR part 60, subpart VV, GGG, or KKK; (2) 40 CFR part 61, subpart F or J; or (3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB.

Quarterly monitoring and reporting is required in order to comply with 6 NYCRR 236.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 202: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 202.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 202.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When each leak is detected as specified in 40CFR63.168 and 169, a weatherproof and readily visible identification, marked with the equipment number, shall be attached to the leaking equipment. The identification on a valve may be removed after it has been monitored as specified in 40CFR63.168(f)(3), and 63.175(e)(7)(i)(D), and no leak has been detected during the follow-up monitoring.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 203: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 203.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 203.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a leak is detected as specified in 40CFR63.163, 164, 168, 169, 172, 173, and 174, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification which has been placed on equipment determined to have a leak, except for a connector that is subject to the provisions of 40CFR63.174(c)(1)(i), may be removed after it is repaired.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 204: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.163(a), Subpart H

Item 204.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 204.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions of this section apply to each pump that is in light liquid service.

(1) The provisions are to be implemented on the dates specified in the specific subpart in 40 CFR part 63 that references this subpart in the phases specified below:

(i) For each group of existing process units at existing sources subject to the provisions of subparts F or I of this part, the phases of the standard are:
(A) Phase I, beginning on the compliance date;
(B) Phase II, beginning no later than 1 year after the compliance date; and
(C) Phase III, beginning no later than 2\1/2\ years after the compliance date.
(ii) For new sources subject to the provisions of subparts F or I of this part, the applicable phases of the standard are:
(A) After initial start-up, comply with the Phase II requirements; and
(B) Beginning no later than 1 year after initial start-up, comply with the Phase III requirements.

(2) The owner or operator of a source subject to the provisions of subparts F or I of this part may elect to meet the requirements of a later phase during the time period specified for an earlier phase.

(3) Sources subject to other subparts in 40 CFR part 63 that reference this subpart shall comply on the dates specified in the applicable subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 205: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.163(b)(1), Subpart H

Item 205.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 205.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a process unit subject to this subpart shall monitor each pump monthly to detect leaks by the method specified in Sec. 63.180(b) of this subpart and

shall comply with the requirements of paragraphs (a) through (d) of this section, except as provided in Sec. 63.162(b) of this subpart and paragraphs (e) through (j) of this section.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 206: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.163(b)(2), Subpart H

Item 206.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 206.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall monitor each pump in light liquid service monthly to detect leaks by the method specified in 40CFR63.180(b). The instrument reading that defines a leak is 1,000 ppm or greater. When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in 40CFR63.171. A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. First attempts include, but are not limited to, tightening of packing gland nuts, and ensuring that the seal flush is operating at design pressure and temperature. Repair is not required unless an instrument reading of 2,000 ppm or greater is detected.

This compliance monitoring activity also assures compliance with 6NYCRR 236.

Reference Test Method: 40 CFR 63.180(b)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 207: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.163(b)(3), Subpart H

Item 207.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 207.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner/operator shall monitor each pump in light liquid service monthly to detect leaks by the method specified in 40CFR63.180(b). The instrument reading that defines a leak is 1,000 ppm or greater. When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in 40CFR63.171. A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. First attempts include, but are not limited to, tightening of packing gland nuts, and ensuring that the seal flush is operating at design pressure and temperature. Repair is not required unless an instrument reading of 2,000 ppm or greater is detected.

This compliance monitoring activity also assures compliance with 6NYCRR 236.

Reference Test Method: visual
Monitoring Frequency: WEEKLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 208: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.163(d)(1), Subpart H

Item 208.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 208.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Pursuant to §63.163(d)(4), percent leaking pumps shall be calculated using the following equation:

%Pl=((Pl-Ps)/(Pt-Ps)) X 100

where:
%Pl = percent leaking pumps
Pl = Number of pumps found leaking as determined through monthly monitoring
Pt = Total pumps in organic HAP service, including those meeting the criteria in 63.163(e) & (f)
Ps = Number of pumps leaking within 1 month of startup during the current monitoring period

Pursuant to §63.163(d)(2) if, calculated on a 6-month rolling average, the greater of 10 percent of the pumps in a process unit or three pumps in a process unit leak, the owner/operator shall implement a quality improvement program for pumps that complies with the requirements of 40CFR63.176. Pursuant to §63.163(d)(1), the owner/operator shall determine no later than the first monitoring period whether to calculate percent leaking pumps on a process unit basis or on a source-wide basis. Once this has been decided, all subsequent percent calculations shall be made on the same basis. Pursuant to §63.163(d)(3), the number of pumps at a process unit shall be the sum of all the pumps in organic HAP service, except that pumps found leaking in continuous process until within 1 month after start-up of the pump shall not count in the percent leaking pumps calculation for that one monitoring period only.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 209: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.164(i), Subpart H

Item 209.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 209.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any compressor that is designated, as described in 40CFR63.181(b)(2)(ii), to operate with an instrument reading of less than 500 ppm above background, is exempt from the compressor standards listed in 40CFR63.164(a) through (h) if the compressor: 1) is demonstrated to be operating with an instrument reading of less than 500 ppm above background, as measured by the method specified in 63.180(c); and 2) is tested for compliance with the 500 ppm limit initially upon designation, annually, and at other times requested by the Department or the USEPA Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 210: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.165(d)(2), Subpart H

Item 210.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 210.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (a) and (b) of this section, provided the owner or operator complies with the requirements of paragraph (d)(2) of this section.
(d)(2) After each pressure release, a rupture disk shall be installed upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171 of this Subpart. This requirement assures compliance with the 6 NYCRR Part 236 standard.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 211: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.166, Subpart H

Item 211.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 211.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each sampling collection system shall be equipped with a closed-purge, closed-loop, or closed-vent system. Gases displaced during filling of the sampling container are not required to be collected or captured. Each closed-purge, closed-loop, or closed-vent system shall:

1) return the purged process fluid directly to the process line; or
2) collect and recycle the purged process fluid to a process; or
3) be designed and operated to capture and transport the purged process fluid to a control device that complies with the requirements of 40CFR63.172; or
4) collect, store, and transport the purged process fluid to a system or facility identified in 40CFR63.166(b)(4)(i), (ii), or (iii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 212: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.167(a)(1), Subpart H

Item 212.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 212.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve that shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 213: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.167(b), Subpart H

Item 213.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 213.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 214: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.167(c), Subpart H

Item 214.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 214.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with §63.167(a) at all other times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 215: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.167(d), Subpart H

Item 215.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 215.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Open-ended valves and lines in an emergency shutdown system which are designed to open automatically in the event of a process upset are exempt from the requirements of §63.167(a), (b), and (c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 216: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.168(b), Subpart H

Item 216.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 216.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owner/operator shall monitor all valves in gas/vapor service and light liquid service using the method specified in 40CFR63.180(b). An instrument reading of 500 ppm or greater indicates a leak. Owner/operator shall monitor valves at the following intervals:

1) At process units with 2 percent or greater leaking valves, owner/operator shall monitor each valve once per month.

2) At process units with less than 2 percent leaking valves, owner/operator shall monitor each valve once per quarter.

3) At process units with less than 1 percent leaking valves, owner/operator shall monitor each valve once every 2 quarters.

4) At process units with less than 0.5 percent leaking valves, owner/operator shall monitor each valve once every 4 quarters.

Percent leaking valves shall be calculated as follows:

%Vl = (Vl/(Vt+Vc))*100

where:
%Vl = percent leaking valves as determined through periodic monitoring
Vl = number of valves found leaking excluding nonrepairables as provided in 40CFR63.168(e)(3)(i)
Vt = total valves monitored, in a monitoring period excluding valves monitored as required by 63.168(f)(3)
Vc = optional credit for removed valves = 0.67 x net number (total removed - total added) of valves in organic HAP service removed from process unit after the compliance date.

The percent leaking valves shall be calculated as a two-month rolling average for monthly, quarterly, or semiannual monitoring programs. The percent leaking valves shall be calculated as an average of any three of four consecutive monitoring periods for annual monitoring programs. Nonrepairable valves shall be included in the calculation of percent leaking valves the first time the valve is identified as leaking and nonrepairable. Otherwise, a number of nonrepairable valves (identified an included in the percent leaking calculation in a previous

period) up to a maximum of 1 percent of the total number of valves in organic HAP service at a process unit may be excluded from calculation of percent leaking valves. If the number exceeds 1 percent nonrepairable, then the number exceeding 1 percent shall be counted. Quarterly reporting is required in order to comply with 6NYCRR 236.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: 40 CFR 63.180(b)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 217: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.168(f)(1), Subpart H

Item 217.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 217.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a leak is detected in a valve in gas/vapor service or light liquid service, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected. A first attempt at repair shall be made no later than 5 days after the leak is detected and shall include, but are not limited to, the following practices:

1) tightening of bonnet bolts,
2) replacement of bonnet bolts,
3) tightening of packing gland nuts, and

4) injection of lubricant into lubricated packing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 218: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.168(h), Subpart H

Item 218.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 218.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any valve that has been designated as unsafe-to-monitor is exempt from the monitoring requirements of 40CFR63.168 if: 1) it is determined that monitoring personnel would be exposed to an immediate danger as a consequence of complying with the monitoring provisions; and 2) there is a written plan that requires monitoring of the valve as frequently as practicable during safe-to monitor periods, but not more frequently than the periodic monitoring schedule otherwise applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 219: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.168(i), Subpart H

Item 219.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 219.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any valve that is designated as a difficult-to-monitor valve is exempt from the monitoring requirements in 40CFR63.168 if:

1) it is determined that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner;
2) the process unit within which the valve is located is an existing source or the owner/operator designates less than 3 percent of the total number of valves in a new source as difficult-to-monitor; and
3) The owner/operator follows a written plan to monitor the valve at least once per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 220: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.171(a), Subpart H

Item 220.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 220.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair of equipment for which leaks have been detected is allowed if the repair is technically

infeasible without a process unit shutdown. Repair of this equipment shall occur by the end of the next process unit shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 221: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.171(b), Subpart H

Item 221.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 221.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair of equipment for which leaks have been detected is allowed for equipment that is isolated from the process and that does not remain in organic HAP service.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 222: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.171(c), Subpart H

Item 222.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 222.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair is allowed for valves, connectors, and agitators if it is determined that emissions of purged material resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair, and when repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with 40CFR63.172.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 223: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.171(d), Subpart H

Item 223.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 223.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair is allowed for pumps if repair requires replacing the existing seal design with a new system that has been determined under the provisions of 40CFR63.176(d) will provide better performance or:

1) A dual mechanical seal system that meets the requirements of 40CFR63.163(e), or
2) A pump that meets the requirements of 40CFR63.163(f), or
3) A closed-vent system and control device that meets the requirements of 40CFR63.163(g); and repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 224: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.171(e), Subpart H

Item 224.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 224.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair beyond a process unit shutdown will be allowed for a valve if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the second process unit shutdown will not be allowed unless the third process unit shutdown occurs sooner than 6 months after the first process unit shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 225: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(a), Subpart H

Item 225.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 225.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

All connectors in gas/vapor and light liquid service shall be monitored to detect leaks by the method specified in 40CFR63.180(b). If an instrument reading of 500 ppm or more is measured, a leak is detected. The leak shall be repaired as soon as practicable, but no later than 15 calendar days after detection, and a first attempt at repair shall be made within 5 calendar days after detection. Connectors shall be monitored at the following frequencies: Once per year, if the percent leaking connectors in the process unit was 0.5 percent or greater during the last required annual or biennial monitoring period. Once every 2 years, if the percent leaking connectors was
less than 0.5 during the last required monitoring period.

Compliance may be attained by monitoring at least 40% of the connectors in the first year and the remainder in the second year. The percent leaking connectors will be calculated using all monitoring done in the two year period. If a process unit in a biennial leak detection and repair program calculates less than 0.5 percent leaking connectors from the 2-year period, the connectors may be monitored once every 4 years.

Compliance may be attained by monitoring at least 20% of the connectors during each year until all connectors have been monitored within 4 years. If a process unit is complying with these requirements using a 4-year monitoring program, and has greater than 0.5 percent leaking connectors but less than 1.0 percent, the monitoring frequency shall be increased to one time every 2 years. If the percent leaking connectors in the 4-year period is greater than 1.0 percent, the monitoring frequency shall be increased to once every year. To determine the monitoring frequency, the following calculation shall be used to determine the percent leaking connectors (%Cl)

%Cl = [(Cl-Can)/(Ct-Cc)]*100

where:
Cl = number of connectors, including nonrepairables, measured at 500 ppm or greater
Can = number of allowable nonrepairable connectors, not to exceed 2% of the total connector population

Ct = total number of connectors that were monitored, including nonrepairables, in the process unit
Cc = optional credit for removed connectors = 0.67*net number (total removed-total added) of connectors in organic HAP service removed from the process unit after the compliance date

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: 40 CFR 63.180(b)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 226: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(c)(1)(i), Subpart H

Item 226.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 226.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each connector that has been opened or has otherwise had the seal broken shall be monitored for leaks when it is reconnected or within the first 3 months after being returned to organic HAP service. If a leak is detected, it shall be repaired according to the provisions in 40CFR63.174(d) or be deemed nonrepairable. As an alternative, owner/operator may choose not to monitor connectors that have been opened or otherwise had the seal broken. In this case, the connector may not be counted as nonrepairable, but shall be calculated as a leaking connector for all monitoring periods.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 227: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(c)(2), Subpart H

Item 227.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 227.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
As an alternative to the monitoring requirements for connectors, each screwed connector that is 2 inches or less in nominal inside diameter may comply with 40CFR63.169 and be monitored for leaks within the first 3 months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If that monitoring detects a leak, it shall be repaired according to the provisions in 40CFR63.174(d). This applies to screwed connectors that were installed before December 31, 1992 for sources subject to Subparts F or I, or installed before the proposal date of the applicable subpart which references this provision.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 228: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(f), Subpart H

Item 228.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 228.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is designated as unsafe-to-monitor is exempt from the monitoring requirements for connectors if it is determined that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with this section and there is a written plan that requires monitoring of the connector as frequently as practicable during safe-to-monitor periods but not more frequently than the periodic schedule otherwise applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 229: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(g), Subpart H

Item 229.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 229.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is designated as unsafe-to-repair is exempt from the monitoring and leak repair provisions for connectors if it is determined that repair personnel would be exposed to an immediate danger as a consequence of complying with the repair provisions and the connector will be repaired before the end of the next scheduled process unit shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 230: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.174(h)(1), Subpart H

Item 230.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 230.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is inaccessible or is ceramic or ceramic-lined is exempt from the monitoring requirements and from the recordkeeping and reporting requirements for connectors. If an inaccessible, ceramic, or ceramic-lined connector is observed by visual, audible, olfactory, or other means to be leaking, the leak shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected. A first attempt at repair shall be made no later than 5 calendar days after detection. An inaccessible connector is defined in 40CFR63.174(h)(1)(i)-(vi).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 231: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.175, Subpart H

Item 231.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 231.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) In Phase III, an owner or operator may elect to comply with one of the alternative quality improvement programs specified in paragraphs (d) and (e) of this section. If elected, the requirements in 63.175 and its references will be met.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 232: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(a), Subpart H

Item 232.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 232.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
All records and information required shall be maintained in a manner that can be readily accessed at the plant site.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 233: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(b), Subpart H

Item 233.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 233.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following records shall be kept for each process unit subject to Subpart H:
1) A list of identification numbers for equipment (except for connectors exempt from monitoring and recordkeeping and for instrumentation systems). Connectors need not be identified individually if all connectors in a given length of pipe are identified as a group, and the number of connectors is indicated.
2) A schedule by process unit for monitoring connectors in gas/vapor or light liquid service and valves in gas/vapor or light liquid service.
3) A plant site map, log entries, or some identification for equipment that is in organic HAP service.
4) A list of identification numbers for equipment that is equipped with a closed-vent system and control device, under the provisions of 40CFR63.163(g), 164(h), 165(c), or 173(f).
5) A list of identification numbers for compressors that are designated as operating with an instrument reading of less than 500 ppm above background.
6) A list of identification numbers for pressure relief devices in gas/vapor service.
7) A list of identification numbers for pressure relief devices equipped with rupture disks.
8) Identification of instrumentation systems subject to leak detection and repair provisions.
9) Identification of screwed connectors subject to 40CFR63.174(c)(2). This can be by area or grouping as long as the total number within each group is recorded.
10) For each dual mechanical seal system, the design criteria required in 40CFR63.163(e)(6)(i), 164(e)(2), and 173(d)(6)(i), an explanation of the design criteria, and any changes to these criteria and reasons for the changes.

11) Identification of all equipment designated as unsafe to monitor, difficult to monitor, unsafe to inspect, and the plan for monitoring or inspecting this equipment.

12) A list of identification numbers for the equipment designated as difficult to monitor, an explanation of why the equipment is difficult to monitor, and the planned schedule for monitoring this equipment.
13) A list of identification numbers for connectors that are designated as unsafe to repair and an explanation why the connector is unsafe to repair.
14) A list of valves removed from and added to the process unit if used in the percent leaking valves calculation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 234: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(c), Subpart H

Item 234.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 234.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For visual inspections of equipment that are done in order to comply with provisions in this subpart, the owner/operator shall document that the inspection was conducted and the date of the inspection. These records shall be kept for 2 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 235: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(d), Subpart H

Item 235.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 235.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When each leak is detected as specified in 40CFR63.163, 164, 168, 169, 172, 173, and 174, the following information shall be recorded and kept for 2 years:
1) The instrument and the equipment identification number

2) The operator name, initials, or identification number

3) The date the leak was detected
4) The date of first attempt at repair
5) The date of successful repair of the leak.
6) Maximum instrument reading measured by Method 21 after it is successfully repaired or determined to be nonrepairable.
7) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days. If the reason for the delay is because of depletion of stocked parts, there must be documentation that the spare parts were sufficiently stocked on-site before depletion and the reason for depletion. 8) Dates of process unit shutdowns that occur while the equipment is unrepaired.
9) Identification of connectors that have been opened or otherwise had the seal broken since the last monitoring period.
10) Copies of all periodic reports, if records are not maintained on a computerized database capable of generating summary reports from the records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 236: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(f), Subpart H

Item 236.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 236.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall keep the dates and results of each compliance test required for compressors and pressure relief devices in gas/vapor service which are subject to a monitoring threshold of 500 ppm above background concentration. The results shall include the background
level measured during each compliance test and the maximum instrument reading measured at each piece of equipment during each compliance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 237: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.181(h), Subpart H

Item 237.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 237.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator of a process unit subject to the requirements of Secs. 63.175 and 63.176 of this subpart shall maintain the records specified in paragraphs (h)(1) through (h)(9) of this section for the period of the quality improvement program for the process unit.

(1) For owners or operators who elect to use a reasonable

further progress quality improvement program, as specified in Sec. 63.175(d) of this subpart:
(i) All data required in Sec. 63.175(d)(2) of this subpart.
(ii) The percent leaking valves observed each quarter and the rolling average percent reduction observed in each quarter.
(iii) The beginning and ending dates while meeting the requirements of Sec. 63.175(d) of this subpart.

(2) For owners or operators who elect to use a quality improvement program of technology review and improvement, as specified in Sec. 63.175(e) of this subpart:
(i) All data required in Sec. 63.175(e)(2) of this subpart.
(ii) The percent leaking valves observed each quarter.

(iii) Documentation of all inspections conducted under the requirements of Sec. 63.175(e)(4) of this subpart, and any recommendations for design or specification changes to reduce leak frequency.
(iv) The beginning and ending dates while meeting the requirements of Sec. 63.175(e) of this subpart.

(3) For owners or operators subject to the requirements of the pump quality improvement program as specified in Sec. 63.176 of this subpart:
(i) All data required in Sec. 63.176(d)(2) of this subpart.
(ii) The rolling average percent leaking pumps.
(iii) Documentation of all inspections conducted under the requirements of Sec. 63.176(d)(4) of this subpart, and any recommendations for design or specification changes to reduce leak frequency.
(iv) The beginning and ending dates while meeting the requirements of Sec. 63.176(d) of this subpart.

(4) If a leak is not repaired within 15 calendar days after discovery of the leak, the reason for the delay and the expected date of successful repair.

(5) Records of all analyses required in Secs. 63.175(e) and 63.176(d) of this subpart. The records will include the following:
(i) A list identifying areas associated with poorer than average performance and the associated service characteristics of the stream, the operating conditions and maintenance practices.
(ii) The reasons for rejecting specific candidate superior emission performing valve or pump technology from performance trials.
(iii) The list of candidate superior emission performing

valve or pump technologies, and documentation of the performance trial program items required under Secs. 63.175(e)(6)(iii) and 63.176(d)(6)(iii) of this subpart.

(iv) The beginning date and duration of performance trials of each candidate superior emission performing technology.

(6) All records documenting the quality assurance program for valves or pumps as specified in Secs. 63.175(e)(7) and 63.176(d)(7) of this subpart.

(7) Records indicating that all valves or pumps replaced or modified during the period of the quality improvement program are in compliance with the quality assurance requirements in Sec. 63.175(e)(7) and Sec. 63.176(d)(7) of this subpart.

(8) Records documenting compliance with the 20 percent or greater annual replacement rate for pumps as specified in Sec. 63.176(d)(8) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 238: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.182(d), Subpart H

Item 238.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 238.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A periodic report shall be submitted semiannually starting six months after the Notification of Compliance Status report. The first report shall cover the previous six months after the compliance date and each subsequent report shall cover the six month period following the preceding period. The periodic report shall include the

following information:

1) For each process unit, the following information during the previous six-month period:
i) The number of valves for which leaks were detected, the percent leakers, and the total number of valves monitored,

ii) The number of valves for which leaks were not repaired, identifying the number of those that are determined nonrepairable,
iii) The number of pumps for which leaks were detected, the percent leakers, and the total number of pumps monitored,
iv) The number of pumps for which leaks were not repaired,

v) The number of compressors for which leaks were detected,
vi) The number of compressors for which leaks were not repaired,
vii) The number of agitators for which leaks were detected,
viii) The number of agitators for which leaks were not repaired,
ix) The number of connectors for which leaks were detected, the percent of connectors leaking, and the total number of connectors monitored,
x) The number of connectors for which leaks were not repaired, identifying the number of those that are determined nonrepairable,
xi) The facts that explain any delay of repairs and, where appropriate, why a process unit shutdown was technically infeasible, and
xii) The results of all monitoring to show compliance with the 500 ppm above background thresholds.

This compliance monitoring activity also assures compliance with 6 NYCRR 236.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 239: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.680(d), Subpart DD

Item 239.1:
The Compliance Certification activity will be performed for the Facility.

Item 239.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total annual quantity of the HAP that is contained in the off-site material received at the plant site is less than 1 megagram per year. An initial determination of the total annual HAP quantity in the offsite material received at the plant site must be prepared. A new determination must be prepared whenever the extent of changes to the quantity or composition of the off-site material received at the plant site could cause the total annual HAP quantity in the offsite material received at the plant site to exceed the limit of 1 megagram per year. Documentation must be maintained to support the determination of the total annual HAP quantity in the off-site material received at the plant site. This documentation must include the basis and data used for determining the HAP content of the off-site material.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 240: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.983(a), Subpart SS

Item 240.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 240.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except for closed vent systems operated and maintained under negative pressure, the provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.
(1) Collection of emissions. Each closed vent system shall be designed and operated to collect the regulated material vapors from the emission point, and to route the collected

vapors to a control device.
(2) Period of operation. Closed vent systems used to comply with the provisions of this subpart shall be operated at all times when emissions are vented to, or collected by, them.
(3) Bypass monitoring. Except for equipment needed for safety purposes such as pressure relief devices, low leg drains, high point bleeds, analyzer vents, and open-ended valves or lines, the owner or operator shall comply with the provisions of either paragraphs (a)(3)(i) or (ii) of this section for each closed vent system that contains bypass lines that could divert a vent stream to the atmosphere.
(i) Properly install, maintain, and operate a flow indicator that is capable of taking periodic readings. Records shall be generated as specified in §63.998(d)(1)(ii)(A). The flow indicator shall be installed at the entrance to any bypass line.
(ii) Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Records shall be generated as specified in §63.998(d)(1)(ii)(B).
(4) Loading arms at transfer racks.
(5) Pressure relief devices in a transfer rack's closed vent system.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 241: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.983(b), Subpart SS

Item 241.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 241.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Inspection records shall be generated as specified in §63.998(d)(1)(iii) and (iv) of this section.

(1) Except for any closed vent systems that are designated as unsafe or difficult to inspect as provided in paragraphs (b)(2) and (3) of this section, each closed vent system shall be inspected as specified in paragraph (b)(1)(i) or (ii) of this section.
(i) If the closed vent system is constructed of hard-piping, the owner or operator shall comply with the requirements specified in paragraphs (b)(1)(i)(A) and (B) of this section.
(A) Conduct an initial inspection according to the procedures in paragraph (c) of this section; and
(B) Conduct annual inspections for visible, audible, or olfactory indications of leaks.
(ii) If the closed vent system is constructed of ductwork, the owner or operator shall conduct an initial and annual inspection according to the procedures in paragraph (c) of this section.
(2) Any parts of the closed vent system that are designated, as described in §63.998(d)(1)(i), as unsafe to inspect are exempt from the inspection requirements of paragraph (b)(1) of this section if the conditions of paragraphs (b)(2)(i) and (ii) of this section are met.
(i) The owner or operator determines that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with paragraph (b)(1) of this section; and
(ii) The owner or operator has a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times. Inspection is not required more than once annually.
(3) Any parts of the closed vent system that are designated, as described in §63.998(d)(1)(i), as difficult-to-inspect are exempt from the inspection requirements of paragraph (b)(1) of this section if the provisions of paragraphs (b)(3)(i) and (ii) of this section apply.
(i) The owner or operator determines that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface; and
(ii) The owner or operator has a written plan that requires inspection of the equipment at least once every 5 years.
(4) For each bypass line, the owner or operator shall comply with paragraph (b)(4)(i) or (ii) of this section.

(i) If a flow indicator is used, take a reading at least once every 15 minutes.
(ii) If the bypass line valve is secured in the non-diverting position, visually inspect the seal or

closure mechanism at least once every month to verify that the valve is maintained in the non-diverting position, and the vent stream is not diverted through the bypass line.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 242: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.983(c), Subpart SS

Item 242.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 242.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.
(1) Each closed vent system subject to this paragraph shall be inspected according to the procedures specified in paragraphs (c)(1)(i) through (vii) of this section.
(i) Inspections shall be conducted in accordance with Method 21 of 40 CFR part 60, appendix A, except as specified in this section.
(ii) Except as provided in (c)(1)(iii) of this section, the detection instrument shall meet the performance criteria of Method 21 of 40 CFR part 60, appendix A, except the instrument response factor criteria in section 3.1.2(a) of Method 21 must be for the representative composition of the process fluid and not of each individual VOC in the stream. For process streams that contain nitrogen, air, water, or other inerts that are not organic HAP or VOC, the representative stream response factor must be determined on an inert-free basis. The response factor may be determined at any concentration for which the monitoring for leaks will be conducted.
(iii) If no instrument is available at the plant site that will meet the performance criteria of Method 21 specified

in paragraph (c)(1)(ii) of this section, the instrument readings may be adjusted by multiplying by the representative response factor of the process fluid, calculated on an inert-free basis as described in paragraph (c)(1)(ii) of this section.
(iv) The detection instrument shall be calibrated before use on each day of its use by the procedures specified in Method 21 of 40 CFR part 60, appendix A.
(v) Calibration gases shall be as specified in paragraphs (c)(1)(v)(A) through (C) of this section.
(A) Zero air (less than 10 parts per million hydrocarbon in air); and
(B) Mixtures of methane in air at a concentration less than 10,000 parts per million. A calibration gas other than methane in air may be used if the instrument does not respond to methane or if the instrument does not meet the performance criteria specified in paragraph (c)(1)(ii) of this section. In such cases, the calibration gas may be a mixture of one or more of the compounds to be measured in air.
(C) If the detection instrument's design allows for multiple calibration scales, then the lower scale shall be calibrated with a calibration gas that is no higher than 2,500 parts per million.
(vi) An owner or operator may elect to adjust or not adjust instrument readings for background. If an owner or operator elects not to adjust readings for background, all such instrument readings shall be compared directly to 500 parts per million to determine whether there is a leak. If an owner or operator elects to adjust instrument readings for background, the owner or operator shall measure background concentration using the procedures in this section. The owner or operator shall subtract the background reading from the maximum concentration indicated by the instrument.
(vii) If the owner or operator elects to adjust for background, the arithmetic difference between the maximum concentration indicated by the instrument and the background level shall be compared with 500 parts per million for determining whether there is a leak.
(2) The instrument probe shall be traversed around all potential leak interfaces as described in Method 21 of 40 CFR part 60, appendix A.
(3) Except as provided in paragraph (c)(4) of this section, inspections shall be performed when the equipment is in regulated material service, or in use with any other detectable gas or vapor.
(4) Inspections of the closed vent system collecting regulated material from a transfer rack shall be performed only while a tank truck or railcar is being loaded or is otherwise pressurized to normal operating conditions with regulated material or any other detectable gas or vapor.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 243: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.983(d), Subpart SS

Item 243.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 243.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.
(1) If there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by paragraph (b)(1)(i)(B) of this section, the owner or operator shall follow the procedure specified in either paragraph (d)(1)(i) or (ii) of this section.
(i) The owner or operator shall eliminate the leak.
(ii) The owner or operator shall monitor the equipment according to the procedures in paragraph (c) of this section.
(2) Leaks, as indicated by an instrument reading greater than 500 parts per million by volume above background or by visual inspections, shall be repaired as soon as practical, except as provided in paragraph (d)(3) of this section. Records shall be generated as specified in §63.998(d)(1)(iii) when a leak is detected.
(i) A first attempt at repair shall be made no later than 5 days after the leak is detected.
(ii) Except as provided in paragraph (d)(3) of this section, repairs shall be completed no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later.
(3) Delay of repair of a closed vent system for which

leaks have been detected is allowed if repair within 15 days after a leak is detected is technically infeasible or unsafe without a closed vent system shutdown, as defined in §63.981, or if the owner or operator determines that emissions resulting from immediate repair would be greater than the emissions likely to result from delay of repair. Repair of such equipment shall be completed as soon as practical, but not later than the end of the next closed vent system shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 244: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.988(a), Subpart SS

Item 244.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L02

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 244.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(2)Incinerators, boilers, or process heaters used to comply with the provisions of a referencing subpart and this subpart shall be operated at all times when emissions are vented to them.
(3) For boilers and process heaters, the vent stream shall be introduced into the flame zone of the boiler or process heater.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 245: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.988(b), Subpart SS

Item 245.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L02

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 245.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall conduct an initial performance test of any incinerator, boiler, or process heater used to comply with the provisions of a referencing subpart and this subpart according to the procedures in §63.997. Performance test records shall be kept as specified in §63.998(a)(2) and a performance test report shall be submitted as specified in §63.999(a)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 246: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.988(b), Subpart SS

Item 246.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L02

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 246.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(2) An owner or operator is not required to conduct a performance test when any of the control devices specified in paragraphs (b)(2)(i) through (iv) of this section are used.
(i)A hazardous waste incinerator for which the owner or operator has been issued a final permit under 40 CFR part

270 and complies with the requirements of 40 CFR part 264, subpart O, or has certified compliance with the interim status requirements of 40 CFR part 265, subpart O. The RKI and FBI, which will receive the Group 1 batch process vents from the listed processes, are exempt from the performance test requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 247: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.990(a), Subpart SS

Item 247.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 247.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(2) Absorbers, condensers, and carbon adsorbers used to comply with the provisions of a referencing subpart and this subpart shall be operated at all times when emissions are vented to them.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 248: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.990(b), Subpart SS

Item 248.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 248.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as specified in §63.997(b), the owner or operator shall conduct an initial performance test of any absorber or condenser used as a control device to comply with the provisions of the referencing subpart and this subpart according to the procedures in §63.997.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 249: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.994(a)(2), Subpart SS

Item 249.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27035
Process: 056

Emission Unit: F-INISH
Process: 081

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 249.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(2) Halogen scrubbers and other halogen reduction devices used to comply with the provisions of a referencing subpart and this subpart shall be operated at all times when emissions are vented to them.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 250: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.994(b), Subpart SS

Item 250.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 090

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 250.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) An owner or operator of a combustion device followed by a halogen scrubber or other halogen reduction device to control halogenated vent streams in accordance with a referencing subpart and this subpart shall conduct an initial performance test to determine compliance with the control efficiency or emission limits for hydrogen halides and halogens according to the procedures in §63.997. Performance test records shall be kept as specified in §63.998(a)(2) and a performance test report shall be submitted as specified in §63.999(a)(2).

In accordance with 63.2465(c)(1), a design evaluation may be conducted in lieu of a performance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 251: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.994(b), Subpart SS

Item 251.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 090

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 251.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(1) An owner or operator of a combustion device followed by a halogen scrubber or other halogen reduction device to control halogenated vent streams in accordance with a referencing subpart and this subpart shall conduct an initial performance test to determine compliance with the control efficiency or emission limits for hydrogen halides and halogens according to the procedures in §63.997. Performance test records shall be kept as specified in §63.998(a)(2) and a performance test report shall be submitted as specified in §63.999(a)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 252: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.996, Subpart SS

Item 252.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 252.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(c)(1) All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(2) The owner or operator of a regulated source shall maintain and operate each CPMS as specified in this section, or in a relevant subpart, and in a manner consistent with good air pollution control practices.
(i) The owner or operator of a regulated source shall ensure the immediate repair or replacement of CPMS parts to correct ¿routine¿ or otherwise predictable CPMS malfunctions. The necessary parts for routine repairs of the affected equipment shall be readily available.

(ii) If under the referencing subpart, an owner or operator has developed a start-up, shutdown, and malfunction plan, the plan is followed, and the CPMS is repaired immediately, this action shall be recorded as specified in §63.998(c)(1)(ii)(E).
(iii) The Administrator's determination of whether acceptable operation and maintenance procedures are being used for the CPMS will be based on information that may include, but is not limited to, review of operation and maintenance procedures, operation and maintenance records as specified in §63.998(c)(1)(i) and (ii), manufacturer's recommendations and specifications, and inspection of the CPMS.
(3) All CPMS's shall be installed and operational, and the data verified as specified in this subpart either prior to or in conjunction with conducting performance tests. Verification of operational status shall, at a minimum, include completion of the manufacturer's written specifications or recommendations for installation, operation, and calibration of the system or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(4) All CPMS's shall be installed such that representative measurements of parameters from the regulated source are obtained.
(5) In accordance with the referencing subpart, except for system breakdowns, repairs, maintenance periods, instrument adjustments, or checks to maintain precision and accuracy, calibration checks, and zero and span adjustments, all continuous parameter monitoring systems shall be in continuous operation when emissions are being routed to the monitored device.
(6) The owner or operator shall establish a range for monitored parameters that indicates proper operation of the control or recovery device. In order to establish the range, the information required in §63.999(b)(3) shall be submitted in the Notification of Compliance Status or the operating permit application or amendment. The range may be based upon a prior performance test meeting the specifications of §63.997(b)(1) or a prior TRE index value determination, as applicable, or upon existing ranges or limits established under a referencing subpart. Where the regeneration stream flow and carbon bed temperature are monitored, the range shall be in terms of the total regeneration stream flow per regeneration cycle and the temperature of the carbon bed determined within 15 minutes of the completion of the regeneration cooling cycle.
(d) Alternatives to monitoring requirements. (1) Alternatives to the continuous operating parameter monitoring and recordkeeping provisions. An owner or operator may request approval to use alternatives to the

continuous operating parameter monitoring and recordkeeping provisions listed in §§63.988(c), 63.990(c), 63.993(c), 63.994(c), 63.998(a)(2) through (4), 63.998(c)(2) and (3), as specified in §63.999(d)(1).
(2) Monitoring a different parameter than those listed. An owner or operator may request approval to monitor a different parameter than those established in paragraph (c)(6) of this section or to set unique monitoring parameters if directed by §§63.994(c)(2) or 63.995(c), as specified in §63.999(d)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 253: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.996(d), Subpart SS

Item 253.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 253.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) Alternatives to the continuous operating parameter monitoring and recordkeeping provisions. An owner or operator may request approval to use alternatives to the continuous operating parameter monitoring and recordkeeping provisions listed in §§63.988(c), 63.990(c), 63.993(c), 63.994(c), 63.998(a)(2) through (4), 63.998(c)(2) and (3), as specified in §63.999(d)(1).
(2) Monitoring a different parameter than those listed. An owner or operator may request approval to monitor a different parameter than those established in paragraph (c)(6) of this section or to set unique monitoring parameters if directed by §§63.994(c)(2) or 63.995(c), as specified in §63.999(d)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 254: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(a)(2), Subpart SS

Item 254.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 254.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(i) Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests performed pursuant to §§63.988(b), 63.990(b), 63.994(b), or 63.995(b).
(ii) Nonflare control device and halogen reduction device performance test records.
(A) General requirements. Each owner or operator subject to the provisions of this subpart shall keep up-to-date, readily accessible continuous records of the data specified in paragraphs (a)(2)(ii)(B) through (C) of this section, as applicable, measured during each performance test performed pursuant to §63.988(b), §63.990(b), §63.994(b), or §63.995(b), and also include that data in the Notification of Compliance Status required under §63.999(b). The same data specified in this section shall be submitted in the reports of all subsequently required performance tests where either the emission control efficiency of a combustion device, or the outlet concentration of TOC or regulated material is determined.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 255: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(a)(2), Subpart SS

Item 255.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 255.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(B) Nonflare combustion device. Where an owner or operator subject to the provisions of this paragraph seeks to demonstrate compliance with a percent reduction requirement or a parts per million by volume requirement using a nonflare combustion device the information specified in (a)(2)(ii)(B)(1) through (6) of this section shall be recorded.
(1)
(2)
(3) For a boiler or process heater with a design heat input capacity less than 44 megawatts and a vent stream that is not introduced with or as the primary fuel, record the fire box temperature averaged over the full period of the performance test.
(4)
(5) For a boiler or process heater, record a description of the location at which the vent stream is introduced into the boiler or process heater.
(6) For a boiler or process heater with a design heat input capacity of less than 44 megawatts and where the process vent stream is introduced with combustion air or used as a secondary fuel and is not mixed with the primary fuel, record the percent reduction of organic regulated material or TOC, or the concentration of regulated material or TOC (parts per million by volume, by compound) determined as specified in §63.997(e)(2)(iii) at the outlet of the combustion device.
(C)
(D) Halogen reduction devices. When using a scrubber following a combustion device to control a halogenated vent stream, record the information specified in paragraphs (a)(2)(ii)(D)(1) through (3) of this section.
(1) The percent reduction or scrubber outlet mass emission rate of total hydrogen halides and halogens as specified in §63.997(e)(3).
(2) The pH of the scrubber effluent averaged over the time period of the performance test; and

(3) The scrubber liquid-to-gas ratio averaged over the time period of the performance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 256: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(b), Subpart SS

Item 256.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 256.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) Continuous records. Where this subpart requires a continuous record, the owner or operator shall maintain a record as specified in paragraphs (b)(1)(i) through (iv) of this section, as applicable:
(i) A record of values measured at least once every 15 minutes or each measured value for systems which measure more frequently than once every 15 minutes; or
(ii) A record of block average values for 15-minute or shorter periods calculated from all measured data values during each period or from at least one measured data value per minute if measured more frequently than once per minute.
(iii) Where data is collected from an automated continuous parameter monitoring system, the owner or operator may calculate and retain block hourly average values from each 15-minute block average period or from at least one measured value per minute if measured more frequently than once per minute, and discard all but the most recent three valid hours of continuous (15-minute or shorter) records, if the hourly averages do not exclude periods of CPMS breakdown or malfunction. An automated CPMS records the measured data and calculates the hourly averages through the use of a computerized data acquisition system.
(iv) A record as required by an alternative approved under a referencing subpart.

(2) Excluded data. Monitoring data recorded during periods identified in paragraphs (b)(2)(i) through (iii) of this section shall not be included in any average computed to determine compliance with an emission limit in a referencing subpart.
(i) Monitoring system breakdowns, repairs, preventive maintenance, calibration checks, and zero (low-level) and high-level adjustments;
(ii) Periods of non-operation of the process unit (or portion thereof), resulting in cessation of the emissions to which the monitoring applies; and
(iii) Start-ups, shutdowns, and malfunctions, if the owner or operator follows the applicable provisions of the start-up, shutdown, and malfunction plan required by a referencing subpart and maintains the records specified in paragraph (d)(3) of this section.
(3) Records of daily averages. In addition to the records specified in paragraph (a), owners or operators shall keep records as specified in paragraphs (b)(3)(i) and (ii) of this section and submit reports as specified in §63.999(c), unless an alternative recordkeeping system has been requested and approved under a referencing subpart.
(i) Except as specified in paragraph (b)(3)(ii) of this section, daily average values of each continuously monitored parameter shall be calculated from data meeting the specifications of paragraph (b)(2) of this section for each operating day and retained for 5 years.
(A) The daily average shall be calculated as the average of all values for a monitored parameter recorded during the operating day. The average shall cover a 24-hour period if operation is continuous, or the period of operation per operating day if operation is not continuous (e.g., for transfer racks the average shall cover periods of loading). If values are measured more frequently than once per minute, a single value for each minute may be used to calculate the daily average instead of all measured values.
(B) The operating day shall be the period defined in the operating permit or in the Notification of Compliance Status. It may be from midnight to midnight or another daily period.
(ii) If all recorded values for a monitored parameter during an operating day are within the range established in the Notification of Compliance Status or in the operating permit, the owner or operator may record that all values were within the range and retain this record for 5 years rather than calculating and recording a daily average for that operating day. In such cases, the owner or operator may not discard the recorded values as allowed in paragraph (b)(1)(iii) of this section.
(4) [Reserved]

(5) Alternative recordkeeping. For any parameter with respect to any item of equipment associated with a process vent or transfer rack (except low throughput transfer loading racks), the owner or operator may implement the recordkeeping requirements in paragraphs (b)(5)(i) or (ii) of this section as alternatives to the recordkeeping provisions listed in paragraphs (b)(1) through (3) of this section. The owner or operator shall retain each record required by paragraphs (b)(5)(i) or (ii) of this section as provided in a referencing subpart.
(i) The owner or operator may retain only the daily average value, and is not required to retain more frequently monitored operating parameter values, for a monitored parameter with respect to an item of equipment, if the requirements of paragraphs (b)(5)(i)(A) through (F) of this section are met. The owner or operator shall notify the Administrator in the Notification of Compliance Status as specified in §63.999(b)(5) or, if the Notification of Compliance Status has already been submitted, in the Periodic Report immediately preceding implementation of the requirements of this paragraph, as specified in §63.999(c)(6)(iv).
(A) The monitoring system is capable of detecting unrealistic or impossible data during periods of operation other than start-ups, shutdowns or malfunctions (e.g., a temperature reading of -200°C on a boiler), and will alert the operator by alarm or other means. The owner or operator shall record the occurrence. All instances of the alarm or other alert in an operating day constitute a single occurrence.
(B) The monitoring system generates a running average of the monitoring values, updated at least hourly throughout each operating day, that have been obtained during that operating day, and the capability to observe this average is readily available to the Administrator on-site during the operating day. The owner or operator shall record the occurrence of any period meeting the criteria in paragraphs (b)(5)(i)(B)(1) through (3) of this section. All instances in an operating day constitute a single occurrence.
(1) The running average is above the maximum or below the minimum established limits;
(2) The running average is based on at least six one-hour average values; and
(3) The running average reflects a period of operation other than a start-up, shutdown, or malfunction.
(C) The monitoring system is capable of detecting unchanging data during periods of operation other than start-ups, shutdowns or malfunctions, except in circumstances where the presence of unchanging data is the expected operating condition based on past experience (e.g., pH in some scrubbers), and will alert the operator

by alarm or other means. The owner or operator shall record the occurrence. All instances of the alarm or other alert in an operating day constitute a single occurrence.
(D) The monitoring system will alert the owner or operator by an alarm, if the running average parameter value calculated under paragraph (b)(5)(i)(B) of this section reaches a set point that is appropriately related to the established limit for the parameter that is being monitored.
(E) The owner or operator shall verify the proper functioning of the monitoring system, including its ability to comply with the requirements of paragraph (b)(5)(i) of this section, at the times specified in paragraphs (b)(5)(i)(E)(1) through (3) of this section. The owner or operator shall document that the required verifications occurred.
(1) Upon initial installation.
(2) Annually after initial installation.
(3) After any change to the programming or equipment constituting the monitoring system that might reasonably be expected to alter the monitoring system's ability to comply with the requirements of this section.
(F) The owner or operator shall retain the records identified in paragraphs (b)(5)(i)(F)(1) through (4) of this section.
(1) Identification of each parameter, for each item of equipment, for which the owner or operator has elected to comply with the requirements of paragraph (b)(5)(i) of this section.
(2) A description of the applicable monitoring system(s), and of how compliance will be achieved with each requirement of paragraph (b)(5)(i)(A) through (E) of this section. The description shall identify the location and format (e.g., on-line storage; log entries) for each required record. If the description changes, the owner or operator shall retain both the current and the most recent superseded description. The description, and the most recent superseded description, shall be retained as provided in the subpart that references this subpart, except as provided in paragraph (b)(5)(i)(F)(1) of this section.
(3) A description, and the date, of any change to the monitoring system that would reasonably be expected to affect its ability to comply with the requirements of paragraph (b)(5)(i) of this section.
(4) Owners and operators subject to paragraph (b)(5)(i)(F)(2) of this section shall retain the current description of the monitoring system as long as the description is current, but not less than 5 years from the date of its creation. The current description shall be retained on-site at all times or be accessible from a

central location by computer or other means that provides access within 2 hours after a request. The owner or operator shall retain the most recent superseded description at least until 5 years from the date of its creation. The superseded description shall be retained on-site (or accessible from a central location by computer that provides access within 2 hours after a request) at least 6 months after being superseded. Thereafter, the superseded description may be stored off-site.
(ii) If an owner or operator has elected to implement the requirements of paragraph (b)(5)(i) of this section, and a period of 6 consecutive months has passed without an excursion as defined in paragraph (b)(6)(i) of this section, the owner or operator is no longer required to record the daily average value for that parameter for that unit of equipment, for any operating day when the daily average value is less than the maximum, or greater than the minimum established limit. With approval by the Administrator, monitoring data generated prior to the compliance date of this subpart shall be credited toward the period of 6 consecutive months, if the parameter limit and the monitoring were required and/or approved by the Administrator.
(A) If the owner or operator elects not to retain the daily average values, the owner or operator shall notify the Administrator in the next Periodic Report, as specified in §63.999(c)(6)(i). The notification shall identify the parameter and unit of equipment.
(B) If there is an excursion as defined in paragraph (b)(6)(i) of this section on any operating day after the owner or operator has ceased recording daily averages as provided in paragraph (b)(5)(ii) of this section, the owner or operator shall immediately resume retaining the daily average value for each operating day, and shall notify the Administrator in the next Periodic Report, as specified in §63.999(c). The owner or operator shall continue to retain each daily average value until another period of 6 consecutive months has passed without an excursion as defined in paragraph (b)(6)(i) of this section.
(C) The owner or operator shall retain the records specified in paragraphs (b)(5)(i)(A) through (F) of this section for the duration specified in a referencing subpart. For any week, if compliance with paragraphs (b)(5)(i)(A) through (D) of this section does not result in retention of a record of at least one occurrence or measured parameter value, the owner or operator shall record and retain at least one parameter value during a period of operation other than a start-up, shutdown, or malfunction.
(6)(i) For the purposes of this section, an excursion means that the daily average value of monitoring data for

a parameter is greater than the maximum, or less than the minimum established value, except as provided in paragraphs (b)(6)(i)(A) and (B) of this section.
(A) The daily average value during any start-up, shutdown or malfunction shall not be considered an excursion if the owner or operator follows the applicable provisions of the start-up, shutdown, and malfunction plan required by a referencing subpart and maintains the records specified in paragraph (d)(3) of this section.
(B) An excused excursion, as described in paragraph (b)(6)(ii), does not count toward the number of excursions for the purposes of this subpart.
(ii) One excused excursion for each control device or recovery device for each semiannual period is allowed. If a source has developed a start-up, shutdown and malfunction plan, and a monitored parameter is outside its established range or monitoring data are not collected during periods of start-up, shutdown, or malfunction (and the source is operated during such periods in accordance with the start-up, shutdown, and malfunction plan) or during periods of nonoperation of the process unit or portion thereof (resulting in cessation of the emissions to which monitoring applies), then the excursion is not a violation and, in cases where continuous monitoring is required, the excursion does not count as the excused excursion for determining compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 257: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(c), Subpart SS

Item 257.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 257.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(3)(i) Records of the occurrence and duration of each

start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment used to comply with this part during which excess emissions (as defined in a referencing subpart) occur.
(ii) For each start-up, shutdown, and malfunction during which excess emissions occur, records that the procedures specified in the source's start-up, shutdown, and malfunction plan were followed, and documentation of actions taken that are not consistent with the plan. For example, if a start-up, shutdown, and malfunction plan includes procedures for routing control device emissions to a backup control device (e.g., the incinerator for a halogenated stream could be routed to a flare during periods when the primary control device is out of service), records must be kept of whether the plan was followed. These records may take the form of a ¿checklist,¿ or other form of recordkeeping that confirms conformance with the start-up, shutdown, and malfunction plan for the event.
(4) Equipment leak records.
(5) Records of monitored parameters outside of range. The owner or operator shall record the occurrences and the cause of periods when the monitored parameters are outside of the parameter ranges documented in the Notification of Compliance Status report. This information shall also be reported in the Periodic Report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 258: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(c)(1), Subpart SS

Item 258.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 258.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(1) Monitoring system records. For process vents, the owner or operator subject to this subpart shall keep the records specified in this paragraph, as well as records specified elsewhere in this subpart.
(i) For a CPMS used to comply with this part, a record of the procedure used for calibrating the CPMS.
(ii) For a CPMS used to comply with this subpart, records of the information specified in paragraphs (c)(ii)(A) through (H) of this section, as indicated in a referencing subpart.
(A) The date and time of completion of calibration and preventive maintenance of the CPMS.
(B) The ¿as found¿ and ¿as left¿ CPMS readings, whenever an adjustment is made that affects the CPMS reading and a ¿no adjustment¿ statement otherwise.
(C) The start time and duration or start and stop times of any periods when the CPMS is inoperative.
(D) Records of the occurrence and duration of each start-up, shutdown, and malfunction of CPMS used to comply with this subpart during which excess emissions (as defined in a referencing subpart) occur.
(E) For each start-up, shutdown, and malfunction during which excess emissions as defined in a referencing subpart occur, records whether the procedures specified in the source's start-up, shutdown, and malfunction plan were followed, and documentation of actions taken that are not consistent with the plan. These records may take the form of a ¿checklist,¿ or other form of recordkeeping that confirms conformance with the start-up, shutdown, and malfunction plan for the event.
(F) Records documenting each start-up, shutdown, and malfunction event.
(G) Records of CPMS start-up, shutdown, and malfunction event that specify that there were no excess emissions during the event, as applicable.
(H) Records of the total duration of operating time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 259: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(c)(2), Subpart SS

Item 259.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 259.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(i) Each owner or operator using a combustion control or halogen reduction device to comply with this subpart shall keep the following records up-to-date and readily accessible, as applicable. Continuous records of the equipment operating parameters specified to be monitored under §§63.988(c) (incinerator, boiler, and process heater monitoring), 63.994(c) (halogen reduction device monitoring), and 63.995(c) (other combustion systems used as control device monitoring) or approved by the Administrator in accordance with a referencing subpart.
(ii) Each owner or operator shall keep records of the daily average value of each continuously monitored parameter for each operating day determined according to the procedures specified in paragraph (b)(3)(i) of this section. For catalytic incinerators, record the daily average of the temperature upstream of the catalyst bed and the daily average of the temperature differential across the bed. For halogen scrubbers record the daily average pH and the liquid-to-gas ratio.
(iii) Each owner or operator subject to the provisions of this subpart shall keep up-to-date, readily accessible records of periods of operation during which the parameter boundaries are exceeded. The parameter boundaries are established pursuant to §63.996(c)(6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 260: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.998(d)(1), Subpart SS

Item 260.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 260.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For closed vent systems the owner or operator shall record the information specified in paragraphs (d)(1)(i) through (iv) of this section, as applicable.
(i) For closed vent systems collecting regulated material from a regulated source, the owner or operator shall record the identification of all parts of the closed vent system, that are designated as unsafe or difficult to inspect, an explanation of why the equipment is unsafe or difficult to inspect, and the plan for inspecting the equipment required by §63.983(b)(2)(ii) or (iii) of this section.
(ii) For each closed vent system that contains bypass lines that could divert a vent stream away from the control device and to the atmosphere, the owner or operator shall keep a record of the information specified in either paragraph (d)(1)(ii)(A) or (B) of this section, as applicable.
(A) Hourly records of whether the flow indicator specified under §63.983(a)(3)(i) was operating and whether a diversion was detected at any time during the hour, as well as records of the times of all periods when the vent stream is diverted from the control device or the flow indicator is not operating.
(B) Where a seal mechanism is used to comply with §63.983(a)(3)(ii), hourly records of flow are not required. In such cases, the owner or operator shall record that the monthly visual inspection of the seals or closure mechanisms has been done, and shall record the occurrence of all periods when the seal mechanism is broken, the bypass line valve position has changed, or the key for a lock-and-key type lock has been checked out, and records of any car-seal that has been broken.
(iii) For a closed vent system collecting regulated material from a regulated source, when a leak is detected as specified in §63.983(d)(2), the information specified in paragraphs (d)(1)(iii)(A) through (F) of this section shall be recorded and kept for 5 years.
(A) The instrument and the equipment identification number and the operator name, initials, or identification number.
(B) The date the leak was detected and the date of the first attempt to repair the leak.
(C) The date of successful repair of the leak.
(D) The maximum instrument reading measured by the procedures in §63.983(c) after the leak is successfully

repaired or determined to be nonrepairable.
(E) (Repair delayed) and the reason for the delay if a leak is not repaired within 15 days after discovery of the leak. The owner or operator may develop a written procedure that identifies the conditions that justify a delay of repair. In such cases, reasons for delay of repair may be documented by citing the relevant sections of the written procedure.
(F) Copies of the Periodic Reports as specified in §63.999(c), if records are not maintained on a computerized database capable of generating summary reports from the records.
(iv) For each instrumental or visual inspection conducted in accordance with §63.983(b)(1) for closed vent systems collecting regulated material from a regulated source during which no leaks are detected, the owner or operator shall record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 261: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1019, Subpart UU

Item 261.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 261.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) The provisions of this subpart apply to the control of air emissions from equipment leaks for which another subpart references the use of this subpart for such air emission control. These air emission standards for equipment leaks are placed here for administrative convenience and only apply to those owners and operators of facilities subject to a referencing subpart. The provisions of 40 CFR part 63, subpart A (General

Provisions) do not apply to this subpart except as noted in the referencing subpart.
(b) The provisions of this subpart and the referencing subpart apply to equipment that contains or contacts regulated material. This subpart applies to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, instrumentation systems, and closed vent systems and control devices used to meet the requirements of this subpart.

(d) Equipment intended to be in regulated material service less than 300 hours per calendar year is excluded from the requirements of §§63.1025 through 63.1034 and §63.1036 if it is identified as required in §63.1022(b)(5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 262: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1022, Subpart UU

Item 262.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 262.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) General equipment identification. Equipment subject to this subpart shall be identified. Identification of the equipment does not require physical tagging of the equipment. For example, the equipment may be identified on a plant site plan, in log entries, by designation of process unit or affected facility boundaries by some form of weatherproof identification, or by other appropriate methods.

(b) Additional equipment identification. In addition to the general identification required by paragraph (a) of this section, equipment subject to any of the provisions

in §§63.1023 through 63.1034 shall be specifically identified as required in paragraphs (b)(1) through (b)(5) of this section, as applicable. This paragraph does not apply to an owner or operator of a batch product process who elects to pressure test the batch product process equipment train pursuant to §63.1036.

(c) Special equipment designations: Equipment that is unsafe or difficult-to-monitor. (1) Designation and criteria for unsafe-to-monitor. Valves meeting the provisions of §63.1025(e)(1), pumps meeting the provisions of §63.1026(e)(6), connectors meeting the provisions of §63.1027(e)(1), and agitators meeting the provisions of §63.1028(e)(7) may be designated unsafe-to-monitor if the owner or operator determines that monitoring personnel would be exposed to an immediate danger as a consequence of complying with the monitoring requirements of this subpart. Examples of unsafe-to-monitor equipment include, but is not limited to, equipment under extreme pressure or heat.
(2) Designation and criteria for difficult-to-monitor. Valves meeting the provisions of §63.1025(e)(2) may be designated difficult-to-monitor if the provisions of paragraph (c)(2)(i) apply. Agitators meeting the provisions of §63.1028(e)(5) may be designated difficult-to-monitor if the provisions of paragraph (c)(2)(ii) apply.
(i) Valves. (A) The owner or operator of the valve determines that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters (7 feet) above a support surface or it is not accessible in a safe manner when it is in regulated material service; and
(B) The process unit or affected facility within which the valve is located is an existing source, or the owner or operator designates less than 3 percent of the total number of valves in a new source as difficult-to-monitor.
(ii) Agitators. The owner or operator determines that the agitator cannot be monitored without elevating the monitoring personnel more than 2 meters (7 feet) above a support surface or it is not accessible in a safe manner when it is in regulated material service.
(3) Identification of unsafe or difficult-to-monitor equipment. The owner or operator shall record the identity of equipment designated as unsafe-to-monitor according to the provisions of paragraph (c)(1) of this section and the planned schedule for monitoring this equipment. The owner or operator shall record the identity of equipment designated as difficult-to-monitor according to the provisions of paragraph (c)(2) of this section, the planned schedule for monitoring this equipment, and an

explanation why the equipment is unsafe or difficult-to-monitor. This record must be kept at the plant and be available for review by an inspector.
(4) Written plan requirements. (i) The owner or operator of equipment designated as unsafe-to-monitor according to the provisions of paragraph (c)(1) of this section shall have a written plan that requires monitoring of the equipment as frequently as practical during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable, and repair of the equipment according to the procedures in §63.1024 if a leak is detected.
(ii) The owner or operator of equipment designated as difficult-to-monitor according to the provisions of paragraph (c)(2) of this section shall have a written plan that requires monitoring of the equipment at least once per calendar year and repair of the equipment according to the procedures in §63.1024 if a leak is detected.

(d) Special equipment designations: Equipment that is unsafe-to-repair. (1) Designation and criteria. Connectors subject to the provisions of §63.1024(e) may be designated unsafe-to-repair if the owner or operator determines that repair personnel would be exposed to an immediate danger as a consequence of complying with the repair requirements of this subpart, and if the connector will be repaired before the end of the next process unit or affected facility shutdown as specified in §63.1024(e)(2).
(2) Identification of equipment. The identity of connectors designated as unsafe-to-repair and an explanation why the connector is unsafe-to-repair shall be recorded.

(e) Special equipment designations: Compressors operating with an instrument reading of less than 500 parts per million above background. Identify the compressors that the owner or operator elects to designate as operating with an instrument reading of less than 500 parts per million above background, under the provisions of §63.1031(f).

(f) Special equipment designations: Equipment in heavy liquid service. The owner or operator of equipment in heavy liquid service shall comply with the requirements of either paragraph (f)(1) or (f)(2) of this section, as provided in paragraph (f)(3) of this section.
(1) Retain information, data, and analyses used to determine that a piece of equipment is in heavy liquid service.
(2) When requested by the Administrator, demonstrate that the piece of equipment or process is in heavy liquid service.

(3) A determination or demonstration that a piece of equipment or process is in heavy liquid service shall include an analysis or demonstration that the process fluids do not meet the definition of ¿in light liquid service.¿ Examples of information that could document this include, but are not limited to, records of chemicals purchased for the process, analyses of process stream composition, engineering calculations, or process knowledge.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 263: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1023(a), Subpart UU

Item 263.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 263.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a regulated source subject to this subpart shall monitor regulated equipment as specified in 40 CFR63.1023(a)(1) of this section for instrument monitoring and 40 CFR63.1023(a)(2) for sensory monitoring.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 264: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1023(b), Subpart UU

Item 264.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 264.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Instrument monitoring, as required under this subpart, shall comply with the requirements specified in 40 CFR63.1023(b)(1) through 40 CFR63.1023(b)(6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 265: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1023(c), Subpart UU

Item 265.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 265.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator may elect to adjust or not to adjust the instrument readings for background. If an owner or operator elects not to adjust instrument readings for background, the owner or operator shall monitor the equipment according to the procedures specified in paragraphs 40 CFR63.1023(b)(1) through 40 CFR63.1023(b)(5) of this section. In such cases, all instrument readings shall be compared directly to the applicable leak definition for the monitored equipment to determine whether there is a leak or to determine compliance with 40 CFR63.1030(b) or 40 CFR63.1031(f). If an owner or operator elects to adjust instrument readings for background, the

owner or operator shall monitor the equipment according to the procedures specified in paragraphs 40 CFR63.1023(c)(1) through 40 CFR63.1023(c)(4) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 266: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1023(e), Subpart UU

Item 266.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 266.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) When each leak is detected pursuant to the monitoring specified in paragraph (a) of this section, a weatherproof and readily visible identification, shall be attached to the leaking equipment.
(2) When each leak is detected, the information specified in §63.1024(f) shall be recorded and kept pursuant to the referencing subpart, except for the information for connectors complying with the 8 year monitoring period allowed under §63.1027(b)(3)(iii) shall be kept 5 years beyond the date of its last use.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 267: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1024(a), Subpart UU

Item 267.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 267.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall repair each leak detected as soon as practical, but not later than 15 calendar days after it is detected, except as provided in 40 CFR63.1024(d) and 40 CFR63.1024(e). A first attempt at repair as defined in this subpart shall be made no later than 5 calendar days after the leak is detected. First attempt at repair for pumps includes, but is not limited to, tightening the packing gland nuts and/or ensuring that the seal flush is operating at design pressure and temperature. First attempt at repair for valves includes, but is not limited to, tightening the bonnet bolts, and/or replacing the bonnet bolts, and/or tightening the packing gland nuts, and/or injecting lubricant into the lubricated packing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 268: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1024(c), Subpart UU

Item 268.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 268.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) The leak identification on a valve in gas/vapor or light liquid service may be removed after it has been

monitored as specified in 40 CFR63.1025(d)(2), and no leak has been detected during that monitoring. The leak identification on a connector in gas/vapor or light liquid service may be removed after it has been monitored as specified in 40 CFR63.1027(b)(3)(iv) and no leak has been detected during that monitoring.

(2) The identification that has been placed, pursuant to 40DFR63.1023(e)(1), on equipment determined to have a leak, except for a valve or for a connector in gas/vapor or light liquid service that is subject to the provisions of 40 CFR63.1027(b)(3)(iv), may be removed after it is repaired.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 269: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1024(d), Subpart UU

Item 269.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 269.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Delay of repair is allowed for any of the conditions specified in paragraphs (d)(1) through (d)(5) of this section. The owner or operator shall maintain a record of the facts that explain any delay of repairs and, where appropriate, why the repair was technically infeasible without a process unit shutdown.
(1) Delay of repair of equipment for which leaks have been detected is allowed if repair within 15 days after a leak is detected is technically infeasible without a process unit or affected facility shutdown. Repair of this equipment shall occur as soon as practical, but no later than the end of the next process unit or affected facility shutdown, except as provided in paragraph (d)(5) of this section.

(2) Delay of repair of equipment for which leaks have been detected is allowed for equipment that is isolated from the process and that does not remain in regulated material service.
(3) Delay of repair for valves, connectors, and agitators is also allowed if the provisions of paragraphs (d)(3)(i) and (d)(3)(ii) of this section are met.
(i) The owner or operator determines that emissions of purged material resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair, and
(ii) When repair procedures are effected, the purged material is collected and destroyed, collected and routed to a fuel gas system or process, or recovered in a control device complying with either §63.1034 or §63.1021(b) of this part.
(4) Delay of repair for pumps is also allowed if the provisions of paragraphs (d)(4)(i) and (d)(4)(ii) of this section are met.
(i) Repair requires replacing the existing seal design with a new system that the owner or operator has determined under the provisions of §63.1035(d) will provide better performance or one of the specifications of paragraphs (d)(4)(i)(A) through (d)(4)(i)(C) of this section are met.
(A) A dual mechanical seal system that meets the requirements of §63.1026(e)(1) will be installed;
(B) A pump that meets the requirements of §63.1026(e)(2) will be installed; or
(C) A system that routes emissions to a process or a fuel gas system or a closed vent system and control device that meets the requirements of §63.1026(e)(3) will be installed; and
(ii) Repair is completed as soon as practical, but not later than 6 months after the leak was detected.
(5) Delay of repair beyond a process unit or affected facility shutdown will be allowed for a valve if valve assembly replacement is necessary during the process unit or affected facility shutdown, and valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the second process unit or affected facility shutdown will not be allowed unless the third process unit or affected facility shutdown occurs sooner than 6 months after the first process unit or affected facility shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 270: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1024(e), Subpart UU

Item 270.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 270.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is designated, as described in §63.1022(d), as an unsafe-to-repair connector is exempt from the requirements of §63.1027(d), and paragraph (a) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 271: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1024(f), Subpart UU

Item 271.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 271.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each leak detected, the following shall be recorded and maintained pursuant to the referencing subpart:

(1) The date of first attempt to repair the leak.

(2) The date of successful repair of the leak.
(3) Maximum instrument reading measured by Method 21 of 40 CFR part 60, appendix A at the time the leak is successfully repaired or determined to be nonrepairable.
(4) (Repair delayed) and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak as specified in paragraphs (f)(4)(i) and (f)(4)(ii) of this section.
(i) The owner or operator may develop a written procedure that identifies the conditions that justify a delay of repair. The written procedures may be included as part of the startup, shutdown, and malfunction plan, as required by the referencing subpart for the source, or may be part of a separate document that is maintained at the plant site. In such cases, reasons for delay of repair may be documented by citing the relevant sections of the written procedure.
(ii) If delay of repair was caused by depletion of stocked parts, there must be documentation that the spare parts were sufficiently stocked on-site before depletion and the reason for depletion.
(5) Dates of process unit or affected facility shutdowns that occur while the equipment is unrepaired.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 272: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(b), Subpart UU

Item 272.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 272.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Unless otherwise specified in §63.1021(b) or paragraph (e) of this section, or the referencing subpart, the owner or operator shall monitor all valves at the intervals

specified in paragraphs (b)(3) and/or (b)(4) of this section and shall comply with all other provisions of this section.
(1) Monitoring method. The valves shall be monitored to detect leaks by the method specified in §63.1023(b) and, as applicable, §63.1023(c).
(2) Instrument reading that defines a leak. The instrument reading that defines a leak is 500 parts per million or greater.
(3) Monitoring frequency. The owner or operator shall monitor valves for leaks at the intervals and keep records specified by the following:
(i) If at least the greater of 2 valves or 2 percent of the valves in a process unit leak, as calculated according to 40 CFR63.1025(c), the owner or operator shall monitor each valve once per month.
(ii) At process units with less than the greater of 2 leaking valves or 2 percent leaking valves, the owner or operator shall monitor each valve once each quarter, except as provided in 40 CFR63.1025(b)(3)(iii) through 40 CFR63.1025(b)(3)(v). Monitoring data generated before the regulated source became subject to the referencing subpart and meeting the criteria of either 40 CFR63.1023(b)(1) through (b)(5), or 40 CFR63.1023(b)(6), may be used to qualify initially for less frequent monitoring under paragraphs 40 CFR63.1025(b)(3)(iii) through 40 CFR63.1025(b)(3)(v).
(iii) At process units with less than 1 percent leaking valves, the owner or operator may elect to monitor each valve once every two quarters
(iv) At process units with less than 0.5 percent leaking valves, the owner or operator may elect to monitor each valve once every four quarters.
(v) At process units with less than 0.25 percent leaking valves, the owner or operator may elect to monitor each valve once every 2 years.
(vi) The owner or operator shall keep a record of the monitoring schedule for each process unit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 273: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(c), Subpart UU

Item 273.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 273.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(1) Calculation basis and procedures. (i) The owner or operator shall decide no later than the compliance date of this part or upon revision of an operating permit whether to calculate percent leaking valves on a process unit or group of process units basis. Once the owner or operator has decided, all subsequent percentage calculations shall be made on the same basis and this shall be the basis used for comparison with the subgrouping criteria specified in paragraph (b)(4)(i) of this section.
(ii) The percent leaking valves for each monitoring period for each process unit or valve subgroup, as provided in paragraph (b)(4) of this section, shall be calculated using the following equation:

%VL=(VL/VT) X 100 [Eq. 2]

where:
%VL = Percent leaking valves.
VL = Number of valves found leaking, excluding nonrepairable valves, as provided in paragraph (c)(3) of this section, and including those valves found leaking pursuant to paragraphs (d)(2)(iii)(A) and (d)(2)(iii)(B) of this section.
VT = The sum of the total number of valves monitored.
(2) Calculation for monitoring frequency. When determining monitoring frequency for each process unit or valve subgroup subject to monthly, quarterly, or semiannual monitoring frequencies, the percent leaking valves shall be the arithmetic average of the percent leaking valves from the last two monitoring periods. When determining monitoring frequency for each process unit or valve subgroup subject to annual or biennial (once every 2 years) monitoring frequencies, the percent leaking valves shall be the arithmetic average of the percent leaking valves from the last three monitoring periods.
(3) Nonrepairable valves. (i) Nonrepairable valves shall be included in the calculation of percent leaking valves the first time the valve is identified as leaking and nonrepairable and as required to comply with paragraph (c)(3)(ii) of this section. Otherwise, a number of nonrepairable valves (identified and included in the

percent leaking valves calculation in a previous period) up to a maximum of 1 percent of the total number of valves in regulated material service at a process unit or affected facility may be excluded from calculation of percent leaking valves for subsequent monitoring periods.
(ii) If the number of nonrepairable valves exceeds 1 percent of the total number of valves in regulated material service at a process unit or affected facility, the number of nonrepairable valves exceeding 1 percent of the total number of valves in regulated material service shall be included in the calculation of percent leaking valves.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 274: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(d), Subpart UU

Item 274.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 274.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) If a leak is determined pursuant to 40 CFR63.1025(b), 40 CFR63.1025(e)(1), or 40 CFR63.1025(e)(2), then the leak shall be repaired using the procedures in 40 CFR63.1024, as applicable.
(2) After a leak has been repaired, the valve shall be monitored at least once within the first 3 months after its repair. The monitoring required by this paragraph is in addition to the monitoring required to satisfy the definition of repaired and first attempt at repair.
(i) The monitoring shall be conducted as specified in 40 CFR63.1023(b) and 40 CFR63.1025(c), as appropriate, to determine whether the valve has resumed leaking.
(ii) Periodic monitoring required by 40 CFR63.1025(b) may be used to satisfy the requirements of this paragraph, if

the timing of the monitoring period coincides with the time specified in this paragraph. Alternatively, other monitoring may be performed to satisfy the requirements of this paragraph, regardless of whether the timing of the monitoring period for periodic monitoring coincides with the time specified in this paragraph.
(iii) If a leak is detected by monitoring that is conducted pursuant to 40 CFR63.1025(d)(2), the owner or operator shall follow the provisions of 40 CFR63.1025(d)(2)(iii)(A) and 40 CFR63.1025(d)(2)(iii)(B), to determine whether that valve must be counted as a leaking valve for purposes of 40 CFR63.1025(c)(1)(ii).
(A) If the owner or operator elected to use periodic monitoring required by 40 CFR63.1025(b) to satisfy the requirements of 40 CFR63.1025(d)(2), then the valve shall be counted as a leaking valve.
(B) If the owner or operator elected to use other monitoring, prior to the periodic monitoring required by 40 CFR63.1025(b), to satisfy the requirements of 40 CFR63.1025(d)(2), then the valve shall be counted as a leaking valve unless it is repaired and shown by periodic monitoring not to be leaking.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 275: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(e)(1), Subpart UU

Item 275.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 275.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any valve that is designated as an unsafe-to-monitor valve is exempt from the requirements of 40 CFR63.1025(b) and 40 CFR63.1025(d)(2) and the owner or operator shall monitor the valve according to the written plan specified

in 40 CFR63.1022(c)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 276: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(e)(2), Subpart UU

Item 276.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 276.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any valve that is designated as a difficult-to-monitor valve is exempt from the requirements of paragraph 40 CFR63.1025(b) of this section and the owner or operator shall monitor the valve according to the written plan specified in 40 CFR63.1022(c)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 277: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1025(e)(3), Subpart UU

Item 277.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 277.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any equipment located at a plant site with fewer than 250 valves in regulated material service is exempt from the requirements for monthly monitoring specified 40 CFR63.1025(b)(3)(i). Instead, the owner or operator shall monitor each valve in regulated material service for leaks once each quarter, as provided in 40 CFR63.1025(e)(1) and 40 CFR63.1025(e)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 278: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1026, Subpart UU

Item 278.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 278.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
40 CFR 63.1026(b)

(1) The pumps shall be monitored monthly to detect leaks by the method specified in 40 CFR63.1023(b) and, as applicable, 40 CFR63.1023(c).

(2) The instrument reading that defines a leak is specified is specified as:
(i) 5,000 parts per million or greater for pumps handling polymerizing monomers;
(ii) 2,000 parts per million or greater for pumps in food/medical service; and
(iii) 1,000 parts per million or greater for all other pumps.

(3) Leak repair exception. For pumps to which a 1,000

parts per million leak definition applies, repair is not required unless an instrument reading of 2,000 parts per million or greater is detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 279: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1026(b)(4), Subpart UU

Item 279.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 279.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Pursuant to §63.1026(c)(4), percent leaking pumps shall be determined by the following equation:

%PL = ((PL - PS)/(PT - PS)) X 100

Where:
%PL = Percent leaking pumps
PL = Number of pumps found leaking as determined through monthly monitoring as required in paragraph (b)(1) of this section. Do not include results from inspection of unsafe-to-monitor pumps pursuant to paragraph (e)(6) of this section.
PS = Number of pumps leaking within 1 month of start-up during the current monitoring period.
PT = Total pumps in regulated material service, including those meeting the criteria in paragraphs 63.1026(e)(1), (e)(2), (e)(3), and (e)(6) of this section.

Pursuant to §63.1026(c)(2) if, calculated on a 6-month rolling average, at least the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak, the owner or operator shall implement a quality improvement program for pumps that complies with the requirements of §63.1035.

Pursuant to §63.1026(c)(2), the number of pumps at a process unit or affected facility shall be the sum of all the pumps in regulated material service, except that pumps found leaking in a continuous process unit or affected facility within 1 month after start-up of the pump shall not count in the percent leaking pumps calculation for that one monitoring period only.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 280: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1026(b)(4), Subpart UU

Item 280.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 280.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each pump shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. The owner or operator shall document that the inspection was conducted and the date of the inspection. If there are indications of liquids dripping from the pump seal at the time of the weekly inspection, the owner or operator shall follow the procedure specified in either 40 CFR63.1026(b)(4)(i) or 40 CFR63.1026(b)(4)(ii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 281: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1026(e), Subpart UU

Item 281.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 281.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) Dual mechanical seal pumps. Each pump equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraph (b) of this section, provided the requirements specified in paragraphs (e)(1)(i) through (e)(1)(viii) of this section are met.
(i) The owner or operator determines, based on design considerations and operating experience, criteria applicable to the presence and frequency of drips and to the sensor that indicates failure of the seal system, the barrier fluid system, or both. The owner or operator shall keep records at the plant of the design criteria and an explanation of the design criteria; and any changes to these criteria and the reasons for the changes. This record must be available for review by an inspector.
(ii) Each dual mechanical seal system shall meet the requirements specified in paragraph (e)(1)(ii)(A), (e)(1)(ii)(B), or (e)(1)(ii)(C) of this section.
(A) Each dual mechanical seal system is operated with the barrier fluid at a pressure that is at all times (except periods of startup, shutdown, or malfunction) greater than the pump stuffing box pressure; or
(B) Equipped with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of either §63.1034 or §63.1021(b) of this part; or
(C) Equipped with a closed-loop system that purges the barrier fluid into a process stream.
(iii) The barrier fluid is not in light liquid service.
(iv) Each barrier fluid system is equipped with a sensor that will detect failure of the seal system, the barrier fluid system, or both.
(v) Each pump is checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. The owner or operator shall document that the inspection was conducted and the date of the inspection. If there are indications of liquids dripping from the pump

seal at the time of the weekly inspection, the owner or operator shall follow the procedure specified in paragraphs (e)(1)(v)(A) or (e)(1)(v)(B) of this section prior to the next required inspection.
(A) The owner or operator shall monitor the pump as specified in §63.1023(b) and, as applicable, §63.1023 (c), to determine if there is a leak of regulated material in the barrier fluid. If an instrument reading of 1,000 parts per million or greater is measured, a leak is detected and it shall be repaired using the procedures in §63.1024; or
(B) The owner or operator shall eliminate the visual indications of liquids dripping.
(vi) If indications of liquids dripping from the pump seal exceed the criteria established in paragraph (e)(1)(i) of this section, or if based on the criteria established in paragraph (e)(1)(i) of this section the sensor indicates failure of the seal system, the barrier fluid system, or both, a leak is detected.
(vii) Each sensor as described in paragraph (e)(1)(iv) of this section is observed daily or is equipped with an alarm unless the pump is located within the boundary of an unmanned plant site.
(viii) When a leak is detected pursuant to paragraph (e)(1)(vi) of this section, it shall be repaired as specified in §63.1024.
(2) No external shaft. Any pump that is designed with no externally actuated shaft penetrating the pump housing is exempt from the requirements of paragraph (b) of this section.
(3) Routed to a process or fuel gas system or equipped with a closed vent system. Any pump that is routed to a process or fuel gas system or equipped with a closed vent system capable of capturing and transporting leakage from the pump to a control device meeting the requirements of §63.1034 of this part or §63.1021(b) is exempt from the requirements of paragraph (b) of this section.
(4) Unmanned plant site. Any pump that is located within the boundary of an unmanned plant site is exempt from the weekly visual inspection requirement of paragraphs (b)(4) and (e)(1)(v) of this section, and the daily requirements of paragraph (e)(1)(vii) of this section, provided that each pump is visually inspected as often as practical and at least monthly.
(5) 90 percent exemption. If more than 90 percent of the pumps at a process unit or affected facility meet the criteria in either paragraph (e)(1) or (e)(2) of this section, the process unit or affected facility is exempt from the percent leaking calculation in paragraph (c) of this section.
(6) Unsafe-to-monitor pumps. Any pump that is designated, as described in §63.1022(c)(1), as an unsafe-to-monitor

pump is exempt from the requirements of paragraph (b) of this section, the monitoring and inspection requirements of paragraphs (e)(1)(v) through (viii) of this section, and the owner or operator shall monitor and inspect the pump according to the written plan specified in §63.1022(c)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 282: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1027(b), Subpart UU

Item 282.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 282.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The connectors shall be monitored to detect leaks by the method specified in §63.1023(b) and, as applicable, §63.1023(c). If an instrument reading greater than or equal to 500 parts per million is measured, a leak is detected. The required period in which monitoring must be conducted shall be determined from paragraphs (b)(3)(i) through (b)(3)(iii) of this section using the monitoring results from the preceding monitoring period. Pursuant to §63.1027(c), the percent leaking connectors shall be calculated by the following equation:

%CL = CL/Ct X 100

Where:
%CL = Percent leaking connectors as determined through periodic monitoring required in paragraphs (a) and (b)(3)(i) through (b)(3)(iii) of this section.
CL = Number of connectors measured at 500 parts per million or greater, by the method specified in §63.1023(b).
Ct = Total number of monitored connectors in the process

unit or affected facility.

If the percent leaking connectors in the process unit was greater than or equal to 0.5 percent, then monitor within 12 months (1 year). If the percent leaking connectors in the process unit was greater than or equal to 0.25 percent but less than 0.5 percent, then monitor within 4 years. An owner or operator may comply with the requirements of this paragraph by monitoring at least 40 percent of the connectors within 2 years of the start of the monitoring period, provided all connectors have been monitored by the end of the 4 year monitoring period. If the percent leaking connectors in the process unit was less than 0.25 percent, then monitor as provided in paragraph (b)(3)(iii)(A) of this section and either paragraph (b)(3)(iii)(B) or (b)(3)(iii)(C) of this section, as appropriate. If, during the monitoring conducted pursuant to paragraph (b)(3)(i) through (b)(3)(iii) of this section, a connector is found to be leaking, it shall be re-monitored once within 90 days after repair to confirm that it is not leaking.
The owner or operator shall keep a record of the start date and end date of each monitoring period under this section for each process unit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 283: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1027(e)(1), Subpart UU

Item 283.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 283.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is designated, as described in §63.1022(c)(1), as an unsafe-to-monitor connector is exempt from the requirements of paragraphs (a) and (b) of

this section and the owner or operator shall monitor according to the written plan specified in §63.1022(c)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 284: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1027(e)(2), Subpart UU

Item 284.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 284.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any connector that is inaccessible or that is ceramic or ceramic-lined (e.g., porcelain, glass, or glass-lined), is exempt from the monitoring requirements of paragraphs (a) and (b) of this section, from the leak repair requirements of paragraph (d) of this section, and from the recordkeeping and reporting requirements of §§63.1038 and 63.1039. An inaccessible connector is one that meets any of the provisions specified in paragraphs (e)(2)(i)(A) through (e)(2)(i)(F) of this section, as applicable. If any inaccessible, ceramic or ceramic-lined connector is observed by visual, audible, olfactory, or other means to be leaking, the visual, audible, olfactory, or other indications of a leak to the atmosphere shall be eliminated as soon as practical.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 285: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1028, Subpart UU

Item 285.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 285.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
40 CFR 63.1028(e)

(1) Dual mechanical seal. Each agitator equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraph (c) of this section, provided the requirements specified in paragraphs (e)(1)(i) through (e)(1)(vi) of this section are met.
(i) Each dual mechanical seal system shall meet the applicable requirements specified in paragraphs (e)(1)(i)(A), (e)(1)(i)(B), or (e)(1)(i)(C) of this section.
(A) Operated with the barrier fluid at a pressure that is at all times (except during periods of startup, shutdown, or malfunction) greater than the agitator stuffing box pressure; or
(B) Equipped with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that meets the requirements of either §63.1034 or §63.1021(b); or
(C) Equipped with a closed-loop system that purges the barrier fluid into a process stream.
(ii) The barrier fluid is not in light liquid service.
(iii) Each barrier fluid system is equipped with a sensor that will detect failure of the seal system, the barrier fluid system, or both.
(iv) Each agitator seal is checked by visual inspection each calendar week for indications of liquids dripping from the agitator seal. If there are indications of liquids dripping from the agitator seal at the time of the weekly inspection, the owner or operator shall follow the procedure specified in paragraphs (e)(1)(iv)(A) or (e)(1)(iv)(B) of this section prior to the next required inspection.
(A) The owner or operator shall monitor the agitator seal as specified in §63.1023(b) and, as applicable,

§63.1023(c), to determine the presence of regulated material in the barrier fluid. If an instrument reading equivalent to or greater than 10,000 ppm is measured, a leak is detected and it shall be repaired using the procedures in §63.1024, or
(B) The owner or operator shall eliminate the visual indications of liquids dripping.
(v) Each sensor as described in paragraph (e)(1)(iii) of this section is observed daily or is equipped with an alarm unless the agitator seal is located within the boundary of an unmanned plant site.
(vi) The owner or operator of each dual mechanical seal system shall meet the requirements specified in paragraphs (e)(1)(vi)(A) and (e)(1)(vi)(B).
(A) The owner or operator shall determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both and applicable to the presence and frequency of drips. If indications of liquids dripping from the agitator seal exceed the criteria, or if, based on the criteria the sensor indicates failure of the seal system, the barrier fluid system, or both, a leak is detected and shall be repaired pursuant to §63.1024, as applicable.
(B) The owner or operator shall keep records of the design criteria and an explanation of the design criteria; and any changes to these criteria and the reasons for the changes.
(2) No external shaft. Any agitator that is designed with no externally actuated shaft penetrating the agitator housing is exempt from paragraph (c) of this section.
(3) Routed to a process or fuel gas system or equipped with a closed vent system. Any agitator that is routed to a process or fuel gas system that captures and transports leakage from the agitator to a control device meeting the requirements of either §63.1034 or §63.1021(b) is exempt from the requirements of paragraph (c) of this section.
(4) Unmanned plant site. Any agitator that is located within the boundary of an unmanned plant site is exempt from the weekly visual inspection requirement of paragraphs (c)(3) and (e)(1)(iv) of this section, and the daily requirements of paragraph (e)(1)(v) of this section, provided that each agitator is visually inspected as often as practical and at least monthly.
(5) Difficult-to-monitor agitator seals. Any agitator seal that is designated, as described in §63.1022(c)(2), as a difficult-to-monitor agitator seal is exempt from the requirements of paragraph (c) of this section and the owner or operator shall monitor the agitator seal according to the written plan specified in §63.1022(c)(4).

(6) Equipment obstructions. Any agitator seal that is obstructed by equipment or piping that prevents access to the agitator by a monitor probe is exempt from the monitoring requirements of paragraph (c) of this section.
(7) Unsafe-to-monitor agitator seals. Any agitator seal that is designated, as described in §63.1022(c)(1), as an unsafe-to-monitor agitator seal is exempt from the requirements of paragraph (c) of this section and the owner or operator of the agitator seal monitors the agitator seal according to the written plan specified in §63.1022(c)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 286: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1028, Subpart UU

Item 286.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 286.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
40 CFR 63.1028(c)

(1) Monitoring method. Each agitator seal shall be monitored monthly to detect leaks by the methods specified in §63.1023(b) and, as applicable, §63.1023(c), except as provided in §63.1021(b), §63.1036, §63.1037, or paragraph (e) of this section.
(2) Instrument reading that defines a leak. If an instrument reading equivalent of 10,000 parts per million or greater is measured, a leak is detected.
(3) Visual inspection. (i) Each agitator seal shall be checked by visual inspection each calendar week for indications of liquids dripping from the agitator seal. The owner or operator shall document that the inspection was conducted and the date of the inspection.

(ii) If there are indications of liquids dripping from the agitator seal, the owner or operator shall follow the procedures specified in paragraphs (c)(3)(ii)(A) or (c)(3)(ii)(B) of this section prior to the next required inspection.
(A) The owner or operator shall monitor the agitator seal as specified in §63.1023(b) and, as applicable, §63.1023(c), to determine if there is a leak of regulated material. If an instrument reading of 10,000 parts per million or greater is measured, a leak is detected, and it shall be repaired according to paragraph (d) of this section; or
(B) The owner or operator shall eliminate the indications of liquids dripping from the agitator seal.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 287: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1029, Subpart UU

Item 287.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 287.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) Monitoring method. Unless otherwise specified in §63.1021(b), §63.1036, or §63.1037, the owner or operator shall comply with paragraphs (b)(1) and (b)(2) of this section. Pumps, valves, connectors, and agitators in heavy liquid service; pressure relief devices in light liquid or heavy liquid service; and instrumentation systems shall be monitored within 5 calendar days by the method specified in §63.1023(b) and, as applicable, §63.1023(c), if evidence of a potential leak to the atmosphere is found by visual, audible, olfactory, or any other detection method, unless the potential leak is repaired as required in paragraph (c) of this section.
(2) Instrument reading that defines a leak. If an

instrument reading of 10,000 parts per million or greater for agitators, 5,000 parts per million or greater for pumps handling polymerizing monomers, 2,000 parts per million or greater for pumps in food and medical service, or 2,000 parts per million or greater for all other pumps (including pumps in food/medical service), or 500 parts per million or greater for valves, connectors, instrumentation systems, and pressure relief devices is measured pursuant to paragraph (b)(1) of this section, a leak is detected and shall be repaired pursuant to §63.1024, as applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 288: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1030, Subpart UU

Item 288.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 288.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(c) Pressure relief requirements. (1) After each pressure release, the pressure relief device shall be returned to a condition indicated by an instrument reading of less than 500 parts per million, as soon as practical, but no later than 5 calendar days after each pressure release, except as provided in §63.1024(d).
(2) The pressure relief device shall be monitored no later than five calendar days after the pressure to confirm the condition indicated by an instrument reading of less than 500 parts per million above background, as measured by the method specified in §63.1023(b) and, as applicable, §63.1023(c).
(3) The owner or operator shall record the dates and results of the monitoring required by paragraph (c)(2) of this section following a pressure release including the background level measured and the maximum instrument

reading measured during the monitoring.

(d) Pressure relief devices routed to a process or fuel gas system or equipped with a closed vent system and control device. Any pressure relief device that is routed to a process or fuel gas system or equipped with a closed vent system capable of capturing and transporting leakage from the pressure relief device to a control device meeting the requirements of §63.1034 is exempt from the requirements of paragraphs (b) and (c) of this section.

(e) Rupture disk exemption. Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (b) and (c) of this section provided the owner or operator installs a replacement rupture disk upstream of the pressure relief device as soon as practical after each pressure release, but no later than 5 calendar days after each pressure release, except as provided in §63.1024(d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 289: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1031(f), Subpart UU

Item 289.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 289.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any compressor that is designated, as described in §63.1022(e), as operating with an instrument reading of less than 500 parts per million above background shall operate at all times with an instrument reading of less than 500 parts per million. A compressor so designated is exempt from the requirements of paragraphs (b) through (d)

of this section if the compressor is demonstrated, initially upon designation, annually, and at other times requested by the Administrator to be operating with an instrument reading of less than 500 parts per million above background, as measured by the method specified in §63.1023(b) and, as applicable, §63.1023(c). The owner or operator shall record the dates and results of each compliance test including the background level measured and the maximum instrument reading measured during each compliance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 290: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1032, Subpart UU

Item 290.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 290.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed vent system, except as provided in §§63.1021(b), 63.1036, 63.1037, or paragraph (d) of this section. Gases displaced during filling of the sample container are not required to be collected or captured. Each closed-purge, closed-loop, or closed vent system shall:
1) return the purged process fluid directly to a process line or to a fuel gas system that meets the requirements of either §63.1034 or §63.1021(b); or
2) be designed and operated to capture and transport all the purged process fluid to a control device that meets the requirements of either §63.1034 or §63.1021(b); or
2) collect, store, and transport the purged process fluid to a system or facility identified in paragraph (c)(4)(i), (c)(4)(ii), or (c)(4)(iii) of this section.

Containers that are part of a closed purge system must be covered or closed when not being filled or emptied. In-situ sampling systems and sampling systems without purges are exempt from the requirements of paragraphs (b) and (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 291: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1033, Subpart UU

Item 291.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 291.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(1) Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §§63.1021(b), 63.1036, 63.1037, and paragraphs (c) and (d) of this section. The cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance. The operational provisions of paragraphs (b)(2) and (b)(3) of this section also apply.

(2) Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.

(3) When a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with paragraph (b)(1) of this section at all other times.

Open-ended valves or lines in an emergency shutdown system

that are designed to open automatically in the event of a process upset are exempt from the requirements of paragraph (b) of this section.

Open-ended valves or lines containing materials that would autocatalytically polymerize or, would present an explosion, serious overpressure, or other safety hazard if capped or equipped with a double block and bleed system as specified in paragraph (b) of this section are exempt from the requirements of paragraph (b) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 292: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1035, Subpart UU

Item 292.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 292.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Criteria. If, on a 6-month rolling average, at least the greater of either 10 percent of the pumps in a process unit or affected facility (or plant site) or three pumps in a process unit or affected facility (or plant site) leak, the owner or operator shall comply with the requirements specified in paragraphs (a)(1) and (a)(2) of this section.
(1) Pumps that are in food and medical service or in polymerizing monomer service shall comply with all requirements except for those specified in paragraph (d)(8) of this section.
(2) Pumps that are not in food and medical or polymerizing monomer service shall comply with all of the requirements of this section.
(b) Exiting the QIP. The owner or operator shall comply with the requirements of this section until the number of leaking pumps is less than the greater of either 10

percent of the pumps or three pumps, calculated as a 6-month rolling average, in the process unit or affected facility (or plant site). Once the performance level is achieved, the owner or operator shall comply with the requirements in §63.1026.
(c) Resumption of QIP. If, in a subsequent monitoring period, the process unit or affected facility (or plant site) has greater than either 10 percent of the pumps leaking or three pumps leaking (calculated as a 6-month rolling average), the owner or operator shall resume the quality improvement program starting at performance trials.
(d) QIP requirements. The quality improvement program shall meet the requirements specified in paragraphs (d)(1) through (d)(8) of this section.
(e) QIP recordkeeping. In addition to the records required by paragraph (d)(2) of this section, the owner or operator shall maintain records for the period of the quality improvement program for the process unit or affected facility as specified in paragraphs (e)(1) through (e)(6) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 293: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1036, Subpart UU

Item 293.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 293.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) General requirement. As an alternative to complying with the requirements of §§63.1025 through 63.1033 and §63.1035, an owner or operator of a batch process that operates in regulated material service during the calendar year may comply with one of the standards specified in paragraphs (b) and (c) of this section, or the owner or

operator may petition for approval of an alternative standard under the provisions of §63.1021(b). The alternative standards of this section provide the options of pressure testing or monitoring the equipment for leaks. The owner or operator may switch among the alternatives provided the change is documented as specified in paragraph (b)(7) of this section.
(b) Pressure testing of the batch equipment. The following requirements shall be met if an owner or operator elects to use pressure testing of batch product-process equipment to demonstrate compliance with this subpart.
(1) Reconfiguration. Each time equipment is reconfigured for production of a different product or intermediate, the batch product-process equipment train shall be pressure-tested for leaks before regulated material is first fed to the equipment and the equipment is placed in regulated material service.
(i) When the batch product-process equipment train is reconfigured to produce a different product, pressure testing is required only for the new or disturbed equipment.
(ii) Each batch product process that operates in regulated material service during a calendar year shall be pressure-tested at least once during that calendar year.
(iii) Pressure testing is not required for routine seal breaks, such as changing hoses or filters, that are not part of the reconfiguration to produce a different product or intermediate.
(2) Testing procedures. The batch product process equipment shall be tested either using the procedures specified in paragraph (b)(5) of this section for pressure vacuum loss or with a liquid using the procedures specified in paragraph (b)(6) of this section.
(3) Leak detection. (i) For pressure or vacuum tests using a gas, a leak is detected if the rate of change in pressure is greater than 6.9 kilopascals (1 pound per square inch gauge) in 1 hour or if there is visible, audible, or olfactory evidence of fluid loss.
(ii) For pressure tests using a liquid, a leak is detected if there are indications of liquids dripping or if there is other evidence of fluid loss.
(4) Leak repair. (i) If a leak is detected, it shall be repaired and the batch product-process equipment shall be retested before start-up of the process.
(ii) If a batch product-process fails the retest (the second of two consecutive pressure tests), it shall be repaired as soon as practical, but not later than 30 calendar days after the second pressure test except as specified in paragraph (e) of this section.
(5) Gas pressure test procedure for pressure or vacuum loss. The procedures specified in paragraphs (b)(5)(i)

through (b)(5)(v) of this section shall be used to pressure test batch product-process equipment for pressure or vacuum loss to demonstrate compliance with the requirements of paragraph (b)(3)(i) of this section.
(i) The batch product-process equipment train shall be pressurized with a gas to a pressure less than the set pressure of any safety relief devices or valves or to a pressure slightly above the operating pressure of the equipment, or alternatively the equipment shall be placed under a vacuum.
(ii) Once the test pressure is obtained, the gas source or vacuum source shall be shut off.
(iii) The test shall continue for not less than 15 minutes unless it can be determined in a shorter period of time that the allowable rate of pressure drop or of pressure rise was exceeded. The pressure in the batch product-process equipment shall be measured after the gas or vacuum source is shut off and at the end of the test period. The rate of change in pressure in the batch product-process equipment shall be calculated using the following equation:

Delta (P/t) = (I Pf - Pi I) / (tf - ti) [Eq. 5]

Where:
Delta (P/t) = Change in pressure, pounds per square inch gauge per hour.
Pf = Final pressure, pounds per square inch gauge.
Pi = Initial pressure, pounds per square inch gauge.
tf - ti = Elapsed time, hours.
(iv) The pressure shall be measured using a pressure measurement device (gauge, manometer, or equivalent) that has a precision of ±2.5 millimeter mercury (0.10 inch of mercury) in the range of test pressure and is capable of measuring pressures up to the relief set pressure of the pressure relief device. If such a pressure measurement device is not reasonably available, the owner or operator shall use a pressure measurement device with a precision of at least ±10 percent of the test pressure of the equipment and shall extend the duration of the test for the time necessary to detect a pressure loss or rise that equals a rate of 1 pound per square inch gauge per hour (7 kilopascals per hour).
(v) An alternative procedure may be used for leak testing the equipment if the owner or operator demonstrates the alternative procedure is capable of detecting a pressure loss or rise.
(6) Pressure test procedure using test liquid. The procedures specified in paragraphs (b)(6)(i) through (b)(6)(iv) of this section shall be used to pressure-test batch product-process equipment using a liquid to

demonstrate compliance with the requirements of paragraph (b)(3)(ii) of this section.
(i) The batch product-process equipment train, or section of the equipment train, shall be filled with the test liquid (e.g., water, alcohol) until normal operating pressure is obtained. Once the equipment is filled, the liquid source shall be shut off.
(ii) The test shall be conducted for a period of at least 60 minutes, unless it can be determined in a shorter period of time that the test is a failure.
(iii) Each seal in the equipment being tested shall be inspected for indications of liquid dripping or other indications of fluid loss. If there are any indications of liquids dripping or of fluid loss, a leak is detected.
(iv) An alternative procedure may be used for leak testing the equipment, if the owner or operator demonstrates the alternative procedure is capable of detecting losses of fluid.
(7) Pressure testing recordkeeping. The owner or operator of a batch product process who elects to pressure test the batch product process equipment train to demonstrate compliance with this subpart shall maintain records of the information specified in paragraphs (b)(7)(i) through (b)(7)(v) of this section.
(i) The identification of each product, or product code, produced during the calendar year. It is not necessary to identify individual items of equipment in a batch product process equipment train.
(ii) Physical tagging of the equipment to identify that it is in regulated material service and subject to the provisions of this subpart is not required. Equipment in a batch product process subject to the provisions of this subpart may be identified on a plant site plan, in log entries, or by other appropriate methods.
(iii) The dates of each pressure test required in paragraph (b) of this section, the test pressure, and the pressure drop observed during the test.
(iv) Records of any visible, audible, or olfactory evidence of fluid loss.
(v) When a batch product process equipment train does not pass two consecutive pressure tests, the information specified in paragraphs (b)(7)(v)(A) through (b)(7)(v)(E) of this section shall be recorded in a log and kept for 2 years:
(A) The date of each pressure test and the date of each leak repair attempt.
(B) Repair methods applied in each attempt to repair the leak.
(C) The reason for the delay of repair.
(D) The expected date for delivery of the replacement equipment and the actual date of delivery of the

replacement equipment; and
(E) The date of successful repair.
(c) Equipment monitoring. The following requirements shall be met if an owner or operator elects to monitor the equipment in a batch process to detect leaks by the method specified in §63.1023(b) and, as applicable, §63.1023(c), to demonstrate compliance with this subpart.
(1) The owner or operator shall comply with the requirements of §§63.1025 through 63.1035 as modified by paragraphs (c)(2) through (c)(4) of this section.
(2) The equipment shall be monitored for leaks by the method specified in §63.1023(b) and, as applicable, §63.1023(c), when the equipment is in regulated material service or is in use with any other detectable material.
(3) The equipment shall be monitored for leaks as specified in paragraphs (c)(3)(i) through (c)(3)(iv) of this section.
(i) Each time the equipment is reconfigured for the production of a new product, the reconfigured equipment shall be monitored for leaks within 30 days of start-up of the process. This initial monitoring of reconfigured equipment shall not be included in determining percent leaking equipment in the process unit or affected facility.
(ii) Connectors shall be monitored in accordance with the requirements in §63.1027.
(iii) Equipment other than connectors shall be monitored at the frequencies specified in table 1 to this subpart. The operating time shall be determined as the proportion of the year the batch product-process that is subject to the provisions of this subpart is operating.
(iv) The monitoring frequencies specified in paragraph (c)(3)(iii) of this section are not requirements for monitoring at specific intervals and can be adjusted to accommodate process operations. An owner or operator may monitor anytime during the specified monitoring period (e.g., month, quarter, year), provided the monitoring is conducted at a reasonable interval after completion of the last monitoring campaign. For example, if the equipment is not operating during the scheduled monitoring period, the monitoring can be done during the next period when the process is operating.
(4) If a leak is detected, it shall be repaired as soon as practical but not later than 15 calendar days after it is detected, except as provided in paragraph (e) of this section.
(d) Added equipment recordkeeping. (1) For batch product-process units or affected facilities that the owner or operator elects to monitor as provided under paragraph (c) of this section, the owner or operator shall prepare a list of equipment added to batch product process

units or affected facilities since the last monitoring period required in paragraphs (c)(3)(ii) and (c)(3)(iii) of this section.
(2) Maintain records demonstrating the proportion of the time during the calendar year the equipment is in use in a batch process that is subject to the provisions of this subpart. Examples of suitable documentation are records of time in use for individual pieces of equipment or average time in use for the process unit or affected facility. These records are not required if the owner or operator does not adjust monitoring frequency by the time in use, as provided in paragraph (c)(3)(iii) of this section.
(3) Record and keep pursuant to the referencing subpart and this subpart, the date and results of the monitoring required in paragraph (c)(3)(i) of this section for equipment added to a batch product-process unit or affected facility since the last monitoring period required in paragraphs (c)(3)(ii) and (c)(3)(iii) of this section. If no leaking equipment is found during this monitoring, the owner or operator shall record that the inspection was performed. Records of the actual monitoring results are not required.
(e) Delay of repair. Delay of repair of equipment for which leaks have been detected is allowed if the replacement equipment is not available providing the conditions specified in paragraphs (e)(1) and (e)(2) of this section are met.
(1) Equipment supplies have been depleted and supplies had been sufficiently stocked before the supplies were depleted.
(2) The repair is made no later than 10 calendar days after delivery of the replacement equipment.
(f) Periodic report contents. For owners or operators electing to meet the requirements of paragraph (b) of this section, the Periodic Report to be filed pursuant to §63.1039(b) shall include the information listed in paragraphs (f)(1) through (f)(4) of this section for each process unit.
(1) Batch product process equipment train identification;
(2) The number of pressure tests conducted;
(3) The number of pressure tests where the equipment train failed the pressure test; and (4) The facts that explain any delay of repairs.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 294: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1038(b), Subpart UU

Item 294.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 294.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following records shall be kept for each process unit subject to Subpart UU:
1) General and specific equipment identification if the equipment is not physically tagged and the owner or operator is electing to identify the equipment subject to this subpart through written documentation such as a log or other designation.
2) A written plan as specified in §63.1022(c)(4) for any equipment that is designated as unsafe- or difficult-to-monitor.
3) A record of the identity and an explanation as specified in §63.1022(d)(2) for any equipment that is designated as unsafe-to-repair.
4) The identity of compressors operating with an instrument reading of less than 500 parts per million.
5) Records associated with the determination that equipment is in heavy liquid service as specified in §63.1022(f).
6) Records for leaking equipment as specified in §63.1023(e)(2).
7) Records for leak repair as specified in §63.1024(f) and records for delay of repair as specified in §63.1024(d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 295: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1038(c), Subpart UU

Item 295.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 295.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following records shall be kept for specific equipment leaks:
(1) For valves, the owner or operator shall maintain the records specified in paragraphs (c)(1)(i) and (c)(1)(ii) of this section.
(i) The monitoring schedule for each process unit as specified in §63.1025(b)(3)(vi).
(ii) The valve subgrouping records specified in §63.1025(b)(4)(iv), if applicable.
(2) For pumps, the owner or operator shall maintain the records specified in paragraphs (c)(2)(i) through (c)(2)(iii) of this section.
(i) Documentation of pump visual inspections as specified in §63.1026(b)(4).
(ii) Documentation of dual mechanical seal pump visual inspections as specified in §63.1026(e)(1)(v).
(iii) For the criteria as to the presence and frequency of drips for dual mechanical seal pumps, records of the design criteria and explanations and any changes and the reason for the changes, as specified in §63.1026(e)(1)(i).
(3) For connectors, the owner or operator shall maintain the monitoring schedule for each process unit as specified in §63.1027(b)(3)(v).
(4) For agitators, the owner or operator shall maintain the following records:
(i) Documentation of agitator seal visual inspections as specified in §63.1028; and
(ii) For the criteria as to the presence and frequency of drips for agitators, the owner or operator shall keep records of the design criteria and explanations and any changes and the reason for the changes, as specified in §63.1028(e)(1)(vi).
(5) For pressure relief devices in gas and vapor or light liquid service, the owner or operator shall keep records of the dates and results of monitoring following a pressure release, as specified in §63.1030(c)(3).
(6) For compressors, the owner or operator shall maintain

the records specified in paragraphs (c)(6)(i) and (c)(6)(ii) of this section.
(i) For criteria as to failure of the seal system and/or the barrier fluid system, record the design criteria and explanations and any changes and the reason for the changes, as specified in §63.1031(d)(2).
(ii) For compressors operating under the alternative compressor standard, record the dates and results of each compliance test as specified in §63.1031(f)(2).
(7) For a pump QIP program, the owner or operator shall maintain the records specified in paragraphs (c)(7)(i) through (c)(7)(v) of this section.
(i) Individual pump records as specified in §63.1035(d)(2).
(ii) Trial evaluation program documentation as specified in §63.1035(d)(6)(iii).
(iii) Engineering evaluation documenting the basis for judgement that superior emission performance technology is not applicable as specified in §63.1035(d)(6)(vi).
(iv) Quality assurance program documentation as specified in §63.1035(d)(7).
(v) QIP records as specified in §63.1035(e).
(8) For process units complying with the batch process unit alternative, the owner or operator shall maintain the records specified in paragraphs (c)(8)(i) and (c)(8)(ii) of this section.
(i) Pressure test records as specified in §63.1036(b)(7).
(ii) Records for equipment added to the process unit as specified in §63.1036(d).
(9) For process units complying with the enclosed-vented process unit alternative, the owner or operator shall maintain the records for enclosed-vented process units as specified in §63.1037(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 296: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1039(a), Subpart UU

Item 296.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 296.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator shall submit an Initial Compliance Status Report according to the procedures in the referencing subpart. The notification shall include the following:
1) The notification shall provide the information listed in paragraphs (a)(1)(i) through (a)(1)(iv) of this section for each process unit or affected facility subject to the requirements of this subpart.
(i) Process unit or affected facility identification.
(ii) Number of each equipment type (e.g., valves, pumps) excluding equipment in vacuum service.
(iii) Method of compliance with the standard (e.g., ¿monthly leak detection and repair¿ or ¿equipped with dual mechanical seals¿).
(iv) Planned schedule for requirements in §§63.1025 and 63.1026.
2) The notification shall provide the information listed in paragraphs (a)(2)(i) and (a)(2)(ii) of this section for each process unit or affected facility subject to the requirements of §63.1036(b).
(i) Batch products or product codes subject to the provisions of this subpart, and
(ii) Planned schedule for pressure testing when equipment is configured for production of products subject to the provisions of this subpart.
3) The notification shall provide the information listed in paragraphs (a)(3)(i) and (a)(3)(ii) of this section for each process unit or affected facility subject to the requirements in §63.1037.
(i) Process unit or affected facility identification.
(ii) A description of the system used to create a negative pressure in the enclosure and the control device used to comply with the requirements of §63.1034 of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 297: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1039(b), Subpart UU

Item 297.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L03

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 297.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall report the following information in a Periodic Report specified in the referencing subpart:
1) For the equipment specified in paragraphs (b)(1)(i) through (b)(1)(v) of this section, report in a summary format by equipment type, the number of components for which leaks were detected and for valves, pumps and connectors show the percent leakers, and the total number of components monitored. Also include the number of leaking components that were not repaired as required by §63.1024, and for valves and connectors, identify the number of components that are determined by §63.1025(c)(3) to be nonrepairable.
(i) Valves in gas and vapor service and in light liquid service pursuant to §63.1025(b) and (c).
(ii) Pumps in light liquid service pursuant to §63.1026(b) and (c).
(iii) Connectors in gas and vapor service and in light liquid service pursuant to §63.1027(b) and (c).
(iv) Agitators in gas and vapor service and in light liquid service pursuant to §63.1028(c).
(v) Compressors pursuant to §63.1031(d).
2) Where any delay of repair is utilized pursuant to §63.1024(d), report that delay of repair has occurred and report the number of instances of delay of repair.
3) If applicable, report the valve subgrouping information specified in §63.1025(b)(4)(iv).
4) For pressure relief devices in gas and vapor service pursuant to §63.1030(b) and for compressors pursuant to §63.1031(f) that are to be operated at a leak detection instrument reading of less than 500 parts per million, report the results of all monitoring to show compliance conducted within the semiannual reporting period.
5) Report, if applicable, the initiation of a monthly monitoring program for valves pursuant to §63.1025(b)(3)(i).
6) Report, if applicable, the initiation of a quality

improvement program for pumps pursuant to §63.1035.
7) Where the alternative means of emissions limitation for batch processes is utilized, report the information listed in §63.1036(f).
8) Report the information listed in paragraph (a) of this section for the Initial Compliance Status Report for process units or affected facilities with later compliance dates. Report any revisions to items reported in an earlier Initial Compliance Status Report if the method of compliance has changed since the last report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-11: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 1-11.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62008
Process: 419 Emission Source: 55HOF

Emission Unit: C-62008
Process: 419 Emission Source: 65HOF

Emission Unit: C-62008
Process: 419 Emission Source: 67HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 35HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 62HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 85HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 35HOF

Emission Unit: U-28002
Process: 408 Emission Source: BLR13

Emission Unit: U-28002
Process: 409 Emission Source: BLR13

Emission Unit: U-28002
Process: 410 Emission Source: BLR18

Emission Unit: U-28003
Process: 412 Emission Source: BLR15

Emission Unit: U-28003
Process: 414 Emission Source: BLR14

Emission Unit: U-28003
Process: 415 Emission Source: BLR14

Emission Unit: U-28003
Process: 416 Emission Source: BLR17

Emission Unit: U-28003
Process: 417 Emission Source: BLR16

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-11.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Boilers or process heaters must meet the work practice standards in Table 3 of Subpart DDDDD. Table 3, paragraph 4 requires that boilers or process heaters located at a major source facility must have a one-time energy assessment performed by a qualified energy assessor. The energy assessment must include the information in items a-h of paragraph 4.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-12: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7540(a), Subpart DDDDD

Item 1-12.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62008
Process: 419 Emission Source: 55HOF

Emission Unit: C-62008
Process: 419 Emission Source: 65HOF

Emission Unit: C-62008
Process: 419 Emission Source: 67HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 62HOF

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-12.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Boilers or process heaters with heat input capacity of less than 10 mmBTU/hr must conduct a biennial tune-up of the boiler or process heater to demonstrate compliance as specified in paragraphs (a)(10)(i-iv).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-13: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7540(a), Subpart DDDDD

Item 1-13.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: H-OFURN
Process: 418 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 35HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 35HOF

Emission Unit: U-28002

Process: 408 Emission Source: BLR13

Emission Unit: U-28002
Process: 409 Emission Source: BLR13

Emission Unit: U-28002
Process: 410 Emission Source: BLR18

Emission Unit: U-28003
Process: 412 Emission Source: BLR15

Emission Unit: U-28003
Process: 413 Emission Source: BLR15

Emission Unit: U-28003
Process: 414 Emission Source: BLR14

Emission Unit: U-28003
Process: 415 Emission Source: BLR14

Emission Unit: U-28003
Process: 416 Emission Source: BLR17

Emission Unit: U-28003
Process: 417 Emission Source: BLR16

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-13.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Boilers or process heaters with heat input capacity of 10 mmBTU/hr or greater must conduct an annual tune-up of the boiler or process heater to demonstrate compliance as specified in paragraphs (a)(10)(i-iv).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-14: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7540(a), Subpart DDDDD

Item 1-14.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: H-OFURN
Process: 418 Emission Source: 85HOF

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-14.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Boilers or process heaters with heat input capacity of less than 5 mmBTU/hr designated to burn gas must conduct a tune-up of the boiler or process heater every 5 years as specified in paragraphs (a)(10)(i-iv).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-15: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7545(e), Subpart DDDDD

Item 1-15.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62008
Process: 419 Emission Source: 55HOF

Emission Unit: C-62008
Process: 419 Emission Source: 65HOF

Emission Unit: C-62008
Process: 419 Emission Source: 67HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 35HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 62HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 85HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 35HOF

Emission Unit: U-28002
Process: 408 Emission Source: BLR13

Emission Unit: U-28002
Process: 409 Emission Source: BLR13

Emission Unit: U-28002
Process: 410 Emission Source: BLR18

Emission Unit: U-28003
Process: 412 Emission Source: BLR15

Emission Unit: U-28003
Process: 413 Emission Source: BLR15

Emission Unit: U-28003
Process: 414 Emission Source: BLR14

Emission Unit: U-28003
Process: 415 Emission Source: BLR14

Emission Unit: U-28003
Process: 416 Emission Source: BLR17

Emission Unit: U-28003
Process: 417 Emission Source: BLR16

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-15.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
A notification of ocmpliance status (NOCS) must be submitted as required by 63.7545(a). Since this facility's boilers and process heaters are all in the gas 1 subcategory, the NOCS must include only the information in items (e)(1), (e)(6) and (e)(8) of 63.7545(e). The NOCS must be submitted within 60 days of completion of the required work practice elements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.

Subsequent reports are due every 12 calendar month(s).

Condition 1-16: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7550(b), Subpart DDDDD

Item 1-16.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62008
Process: 419 Emission Source: 55HOF

Emission Unit: C-62008
Process: 419 Emission Source: 65HOF

Emission Unit: C-62008
Process: 419 Emission Source: 67HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 35HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 62HOF

Emission Unit: H-OFURN
Process: 418 Emission Source: 85HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 21HOF

Emission Unit: H-OFURN
Process: 426 Emission Source: 35HOF

Emission Unit: U-28002
Process: 408 Emission Source: BLR13

Emission Unit: U-28002
Process: 409 Emission Source: BLR13

Emission Unit: U-28002
Process: 410 Emission Source: BLR18

Emission Unit: U-28003
Process: 412 Emission Source: BLR15

Emission Unit: U-28003
Process: 413 Emission Source: BLR15

Emission Unit: U-28003
Process: 414 Emission Source: BLR14

Emission Unit: U-28003
Process: 415 Emission Source: BLR14

Emission Unit: U-28003
Process: 416 Emission Source: BLR17

Emission Unit: U-28003
Process: 417 Emission Source: BLR16

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-16.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For units that only require an annual or biennial tune-up and are not subject to an emission limit, annual compliance reports are required rather than semiannual reports. Reports for this facility must include the information in items (1), (2), (3) and (12) of 63.7550(c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 1-17: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(1), Subpart EEE

Replaces Condition(s) 298

Item 1-17.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018

Process: 425

Regulated Contaminant(s):
CAS No: 022431-89-6 DIOXANE,1,2- 3,3,6,6-TETRAMETHYL

Item 1-17.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain dioxins and furans emissions in excess of 0.20 ng TEQ/dscm corrected to 7 percent oxygen; or emissions in excess of 0.40 ng TEQ/dscm corrected to 7 percent oxygen provided that the combustion gas temperature at the inlet to the initial particulate matter control device is 400 °F or lower based on the average of the test run average temperatures. (For purposes of compliance, operation of a wet particulate control device is presumed to meet the 400 °F or lower requirement).

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Upper Permit Limit: 0.40 nanogram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: EPA Method 0023A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 3-HOUR BLOCK AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-18: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(2), Subpart EEE

Replaces Condition(s) 299

Item 1-18.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 1-18.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain mercury in excess of 130 µg/dscm corrected to 7 percent oxygen.

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Upper Permit Limit: 130 microgram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: EPA Method 29
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-19: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(3), Subpart EEE

Replaces Condition(s) 300

Item 1-19.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 1-19.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain lead and cadmium in excess of 240 µg/dscm, combined emissions, corrected to 7 percent oxygen.

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Upper Permit Limit: 240 microgram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: EPA Method 29
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-20: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(4), Subpart EEE

Replaces Condition(s) 301

Item 1-20.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007440-38-2 ARSENIC

Item 1-20.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain arsenic, beryllium, and chromium in excess of 97 µg/dscm, combined emissions, corrected to 7 percent oxygen.

The completed 2010/2011 Comprehensive Performance Test

fulfills this requirement.

Upper Permit Limit: 97 micrograms per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: EPA Method 29
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 302: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(5)(i), Subpart EEE

Item 302.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 302.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain either carbon monoxide in excess of 100 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis and corrected to 7 percent oxygen, or hydrocarbons in excess of 10 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane as per paragraph (b)(5)(ii) of this section. If you elect to comply with this carbon monoxide standard rather than the hydrocarbon standard, you must also document that, during the destruction and removal efficiency (DRE) test runs or their equivalent as provided by §63.1206(b)(7),

hydrocarbons do not exceed 10 parts per million by volume during those runs, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane; or hydrocarbons in excess of 10 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane.

Manufacturer Name/Model Number: Servomex Xentra
Upper Permit Limit: 100 parts per million by volume
(dry, corrected to 7% O2)
Reference Test Method: 40 CFR 60
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 1-21: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(6), Subpart EEE

Replaces Condition(s) 303

Item 1-21.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 1-21.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain hydrochloric acid and chlorine gas in excess of 77 parts per million by

volume, combined emissions, expressed as hydrochloric acid equivalents, dry basis and corrected to 7 percent oxygen.

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 7% O2)
Reference Test Method: EPA Method 26A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-22: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(a)(7), Subpart EEE

Replaces Condition(s) 304

Item 1-22.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 1-22.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain Particulate matter in excess of 34 mg/dscm corrected to 7 percent oxygen.

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Upper Permit Limit: 34 milligrams per dry standard cubic

meter (corrected to 7% oxygen)
Reference Test Method: EPA Method 5 or 51
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-23: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(c)(1), Subpart EEE

Replaces Condition(s) 305

Item 1-23.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 1-23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Except as provided in paragraph (c)(2) of this section, you must achieve a Destruction and Removal Efficiency (DRE) of 99.99% for each principal organic hazardous constituent (POHC) designated under paragraph (c)(3) this section calculated as defined in 40CFR 63.1203(c)(1).

The completed 2010/2011 Comprehensive Performance Test fulfills this requirement.

Parameter Monitored: DESTRUCTION EFFICIENCY
Lower Permit Limit: 99.99 percent reduction by weight
Reference Test Method: 40 CFR Part 63 EEE
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 306: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1203(c)(3)(ii), Subpart EEE

Item 306.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 306.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must specify one or more POHCs that are representative of the most difficult to destroy organic compounds in your hazardous waste feedstream. You must base this specification on the degree of difficulty of incineration of the organic constituents in the hazardous waste and on their concentration or mass in the hazardous waste feed, considering the results of hazardous waste analyses or other data and information.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 307: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1206(a)(1)(ii)('A'), Subpart EEE

Item 307.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018

Process: 425

Item 307.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must comply with the (replacement) emission standards under §§63.1219 and the other requirements of this subpart no later than the compliance date, October 14, 2008, unless the Administrator grants you an extension of time under §63.6(i) or §63.1213.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 308: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1206(b), Subpart EEE

Item 308.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 308.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(1) Applicability: The emissions standards and operating requirements set forth in this subpart apply at all times except as described in 63.1206(b)(1)(i) and (ii).
(2) Methods for determining compliance: The Administrator shall determine compliance with the emission standards of this subpart as provided by 40CFR 63.6(f)(2). Performance testing shall be conducted under operating conditions representative of the extreme range of normal conditions as is consistent with the requirements of CFR 63.6(f)(2) and CFR 63.7(e)(1).
(3) Finding of compliance: The Administrator will make a finding concerning compliance with the emission standards

and other requirements of this subpart as provided by
40CFR 63.6(f)(3).
(4) Extension of compliance with emission standards: The
Administrator may grant an extension of compliance with
the emission standards of this subpart as provided by
40CFR 63.6(i) and 40 CFR 63.1213.
(5) Changes in design, operation or maintenance: The owner
or operator of this emission unit shall meet the
requirements of the following:
40CFR 63.1206(b)(5)(i)(A)(1)
40CFR 63.1206(b)(5)(i)(A)(2)
40CFR 63.1206(b)(5)(i)(B)
40CFR 63.1206(b)(5)(i)(C)(1)
40CFR 63.1206(b)(5)(i)(C)(2)
40CFR 63.1206(b)(5)(ii)
40CFR 63.1206(b)(5)(iii)
(6) Compliance with carbon monoxide and hydrocarbon
emission standards: The owner or operator of this emission
unit shall meet the requirements of the following:
40CFR 63.1206(b)(6)(i)
40CFR 63.1206(b)(6)(ii)(A)
40CFR 63.1206(b)(5)(ii)(B)
(7) Compliance with the DRE standard: The owner or
operator of this emission unit shall meet the requirements
of the following:
40CFR 63.1206(b)(7)(i)(A)
40CFR 63.1206(b)(7)(i)(B)
40CFR 63.1206(b)(7)(ii)(A)
40CFR 63.1206(b)(7)(ii)(B)
40CFR 63.1206(b)(7)(iii)
(8) Applicability of particulate matter and opacity
standards during particulate matter CEMS correlation
tests: The owner or operator of this emission unit shall
meet the requirements of the following:
40CFR 63.1206(b)(8)(i)
40CFR 63.1206(b)(8)(ii)
40CFR 63.1206(b)(8)(iii)(A)
40CFR 63.1206(b)(8)(iii)(A)(1)
40CFR 63.1206(b)(8)(iii)(A)(2)
40CFR 63.1206(b)(8)(iii)(A)(3)
40CFR 63.1206(b)(8)(iii)(A)(4)
40CFR 63.1206(b)(8)(iii)(B)
40CFR 63.1206(b)(8)(iv)
40CFR 63.1206(b)(8)(v)
40CFR 63.1206(b)(8)(vi)
40CFR 63.1206(b)(8)(vii)
PM CEMS requirements do not apply at this time.
(11) Calculation of hazardous waste residence time. The
owner or operator of this emission unit shall meet the
requirements of 40CFR 63.1206(b)(11).
(12) Documenting compliance with the standards based on
performance testing. The owner or operator of this

emission unit shall meet the requirements of the following:
40CFR 63.1206(b)(12)(i)
40CFR 63.1206(b)(12)(ii)
(14)(i) Alternative to the particulate matter standard for incinerators. (i). General. In lieu of complying with the particulate matter standards under §63.1203, you may elect to comply with the following alternative metal emission control requirements:
40CFR 63.1206(b)(14)(ii)
40CFR 63.1206(b)(14)(iv)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 309: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1206(c), Subpart EEE

Item 309.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 309.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must operate only under the operating requirements specified in the Documentation of Compliance under §63.1211(c) or the Notification of Compliance under §§63.1207(j) and 63.1210(d), except during performance tests under approved test plans according to §63.1207(e), (f), and (g), and under the conditions of paragraph (b)(1)(i) or (ii) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 310: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1206(c), Subpart EEE

Item 310.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 310.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must operate only under the operating requirements specified in the Documentation of Compliance under §63.1211(c) or the Notification of Compliance under §§63.1207(j) and 63.1210(d), except during performance tests under approved test plans according to §63.1207(e), (f), and (g), and under the conditions of paragraph (b)(1)(i) or (ii) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 311: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1207, Subpart EEE

Item 311.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Item 311.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Comprehensive performance test (cpt)

The permittee must conduct comprehensive performance tests (cpt) to demonstrate compliance with the emission standards in this subpart , establish operating limits for operating parameters, and demonstrate compliance with the performance specifications for continuous monitoring systems (CMS).

The permittee must conduct initial comprehensive performance tests (cpt) by March 30, 2003.

The subsequent cpt must commence no later than 61 (Sixty-one) months after the date of commencing the previous cpt. (3/25/04 for the RKI and 4/4/04 for the FBI)

The cpt must be completed within the 60 (Sixty) days after the date of commencement.

The permittee must submit to the NYSDEC a notification of intention to conduct a cpt, CMS performance evaluation, a site specific test plan, and CMS performance evaluation plan at least one year before the cpt and CMS performance evaluations are scheduled to begin.

The NYSDEC will notify the permittee of approval or intent to deny approval of the test plan and CMS performance evaluation plan within 9 (Nine) months after receipt of the original plan.

The permittee must submit to the NYSDEC a notification of intention to conduct the cpt at least 60 (Sixty) calender days before the test is scheduled to begin.

Confirmatory performance test (ct)

The permittee must conduct confirmatory performance tests (ct) to demonstrate compliance with the dioxin/furan emission standards in this subpart, under normal conditions.

The subsequent ct must commence no earlier than 18 months and no later than 31 (Thirty-one) months after the date of commencing the previous cpt.

The ct must be completed within the 60 (Sixty) days after the date of commencement.

The permittee must submit to the NYSDEC a notification of intention to conduct the ct at least 60 (Sixty) calender days before the test is scheduled to begin.

The NYSDEC will notify the permittee of approval or intent to deny approval of the test plan and CMS performance evaluation plan within 30 (Thirty) calendar days after receipt of the original plans.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 312: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209, Subpart EEE

Item 312.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 312.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

As an indicator of gas residence time in the control device, you must establish and comply with a limit on the maximum flue gas flowrate, the maximum production rate, or another parameter that you document in the site-specific test plan as an appropriate surrogate for gas residence time, as the average of the maximum hourly rolling averages for each run and you must comply with this limit on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The flue gas flow rate of the RKI will be monitored continuously and will be limited to a maximum of 20,524

acfm on an hourly rolling average basis. This condition satisfies the requirements of:
40 CFR 63.1209(j)(2), Maximum flue gas flowrate
40 CFR 63.1209(k)(3), dioxins and furans maximum flue gas flowrate
40 CFR 63.1209(m)(2), particulate matter maximum flue gas flow rate
40 CFR 63.1209(n)(5), semivolatile metals and low volatility metals - maximum flue gas flow rate
40 CFR 63.1209(o)(3)(v), hydrogen chloride and chlorine gas wet scrubber
40 CFR 63.114(a)(4)(ii), Process vent provisions-monitoring requirements

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 20524 cubic feet per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 313: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209, Subpart EEE

Item 313.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97002

Item 313.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
As an indicator of gas residence time in the control device, you must establish and comply with a limit on the maximum flue gas flowrate, the maximum production rate, or another parameter that you document in the site-specific test plan as an appropriate surrogate for gas residence time, as the average of the maximum hourly rolling averages for each run and you must comply with this limit on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and

automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Flue gas flow rate will be monitored continuously and will be limited to a maximum of 5.087 acfm (during normal operation - Process 424) on an hourly rolling average basis. This condition also satisfies the following requirements:

40 CFR 63.1209(j)(2) Maximum flue gas flowrate

40 CFR 63.1209(k)(3) Dioxins and furans maximum flue gas flowrate

40 CFR 63.1209(k)(3) Dioxins and furans maximum flue gas flowrate

40 CFR 63.1209(n)(5) Semivolatile metals and low volatility metals - maximum flue gas flow rate

40 CFR 63.1209(o)(3)(v), hydrogen chloride and chlorine gas wet scrubber

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 5087 cubic feet per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 317: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209, Subpart EEE

Item 317.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 425

Item 317.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
As an indicator of gas residence time in the control

device, you must establish and comply with a limit on the maximum flue gas flowrate, the maximum production rate, or another parameter that you document in the site-specific test plan as an appropriate surrogate for gas residence time, as the average of the maximum hourly rolling averages for each run and you must comply with this limit on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Flue gas flow rate will be monitored continuously and will be limited to 6,770 acfm on an hourly rolling average basis. This condition also satisfies the following requirements:
40 CFR 63.1209(j)(2) Maximum flue gas flowrate
40 CFR 63.1209(k)(3) Dioxins and furans, maximum flue gas flowrate
40 CFR 63.1209(m)(2) Particulate matter, maximum flue gas flow rate
40 CFR 63.1209(n)(5) Semivolatile metals and low volatility metals - maximum flue gas flow rate
40 CFR 63.1209(o)(3)(v), hydrogen chloride and chlorine gas wet scrubber
40 CFR 63.114(a)(4)(ii), Process vent provisions-monitoring requirements

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6770 cubic feet per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 318: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209, Subpart EEE

Item 318.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Item 318.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

As an indicator of gas residence time in the control device, you must establish and comply with a limit on the maximum flue gas flowrate, the maximum production rate, or another parameter that you document in the site-specific test plan as an appropriate surrogate for gas residence time, as the average of the maximum hourly rolling averages for each run and you must comply with this limit on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The flue gas flow rate of the Fixed Box Incinerator #1 stack will be monitored continuously and will be limited to a maximum of 6,422 acfm (during normal operation - Process 424) on an hourly rolling average basis.

This condition satisfies the following requirements:
40 CFR 63.1209(j)(2), maximum flue gas flowrate
40 CFR 63.1209(k)(3), dioxins and furans, maximum flue gas flowrate
40 CFR 63.1209(m)(2), particulate matter, maximum flue gas flow rate
40 CFR 63.1209(n)(5), semivolatile metals and low volatility metals - maximum flue gas flow rate
40 CFR 63.1209(o)(3)(v), hydrogen chloride and chlorine gas, wet scrubber
40 CFR 63.114(a)(4)(ii), Process vent provisions-monitoring requirements

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6422 cubic feet per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 319: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(1)(i), Subpart EEE

Item 319.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 319.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must use either a carbon monoxide or hydrocarbon CEMS to demonstrate and monitor compliance with the carbon monoxide and hydrocarbon standard under this subpart. You must also use an oxygen CEMS to continuously correct the carbon monoxide or hydrocarbon level to 7 percent oxygen.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 320: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(1)(iii), Subpart EEE

Item 320.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 320.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

You must install, calibrate, maintain, and operate a particulate matter CEMS to demonstrate and monitor compliance with the particulate matter standards under this subpart. However, compliance with the requirements in this section to install, calibrate, maintain and operate the PM CEMS is not required until such time that the Agency promulgates all performance specifications and operational requirements applicable to PM CEMS.

This requirement is not effective at the time of this application.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 321: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(2), Subpart EEE

Item 321.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 321.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

You must install, calibrate, maintain, and continuously operate the CEMS and COMS in compliance with the quality assurance procedures provided in the appendix to this subpart and Performance Specifications 1 (opacity), 4B (carbon monoxide and oxygen), and 8A (hydrocarbons) in appendix B, part 60 of this chapter.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 322: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(3)(i), Subpart EEE

Item 322.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 322.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except for a carbon monoxide CEMS that use a span value of 10,000 ppmv when one-minute carbon monoxide levels are equal to or exceed 3,000 ppmv, for a carbon monoxide CEMS that detects a response that results in a one-minute average at or above the 3,000 ppmv span level required by Performance Specification 4B in appendix B, part 60 of this chapter, the one-minute average must be recorded as 10,000 ppmv. The one-minute 10,000 ppmv value must be used for calculating the hourly rolling average carbon monoxide level.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 323: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(6)(i), Subpart EEE

Item 323.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 323.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The carbon monoxide or hydrocarbon CEMS must begin recording one-minute average values by 12:01 a.m. and hourly rolling average values by 1:01 a.m., when 60 one-minute values will be available for calculating the initial hourly rolling average for those sources that come into compliance on the regulatory compliance date. Sources that elect to come into compliance before the regulatory compliance date must begin recording one-minute and hourly rolling average values within 60 seconds and 60 minutes (when 60 one-minute values will be available for calculating the initial hourly rolling average), respectively, from the time at which compliance begins.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 324: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(6)(ii), Subpart EEE

Item 324.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 324.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must ignore periods of time when one-minute values are not available for calculating the hourly rolling average. When one-minute values become available again, the first one-minute value is added to the previous 59 values to calculate the hourly rolling average.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 325: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(6)(iii), Subpart EEE

Item 325.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 325.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except during periods of time you meet the requirements for compliance with emissions standards for nonhazardous waste burning sources when you are not burning hazardous waste, you must continue monitoring carbon monoxide and hydrocarbons when the hazardous waste feed is cut off if the source is operating. You must not resume feeding hazardous waste if the emission levels exceed the standard.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 326: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(a)(7), Subpart EEE

Item 326.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 326.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you elect to comply with the carbon monoxide and hydrocarbon emission standard by continuously monitoring carbon monoxide with a CEMS, you must demonstrate that hydrocarbon emissions during the comprehensive performance test do not exceed the hydrocarbon emissions standard. In addition, the limits you establish on the destruction and removal efficiency (DRE) operating parameters required under paragraph (j) of this section also ensure that you maintain compliance with the hydrocarbon emission standard. If you do not conduct the hydrocarbon demonstration and DRE tests concurrently, you must establish separate operating parameter limits under paragraph (j) of this section based on each test and the more restrictive of the operating parameter limits applies.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 327: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(c)(1), Subpart EEE

Item 327.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 327.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Prior to feeding the material, you must obtain an analysis of each feedstream that is sufficient to document compliance with the applicable feedrate limits provided by this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 328: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(c)(2), Subpart EEE

Item 328.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 328.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must develop and implement a feedstream analysis plan and record it in the operating record. The plan must specify at a minimum: (i) the parameters for which you will analyze each feedstream; (ii) whether you will obtain the analysis by performing sampling and analysis or by other methods; (iii) how you will use the analysis to document compliance with applicable feedrate limits; (iv) the test methods which you will use to obtain the

analyses; (v) the sampling method which you will use to obtain a representative sample of each feedstream; and (vi) the frequency with which you will review or repeat the initial analysis of the feedstream.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 329: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(c)(4), Subpart EEE

Item 329.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 329.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To comply with the applicable feedrate limits of this section, you must monitor and record feedrates as follows: (i) Determine and record the value of the parameter for each feedstream by sampling and analysis or other method; (ii) Determine and record the mass or volume flowrate of each feedstream by a CMS. If you determine flowrate of a feedstream by volume, you must determine and record the density of the feedstream by sampling and analysis (unless you report the constituent concentration in units of weight per unit volume (e.g., mg/l)); and (iii) Calculate and record the mass feedrate of the parameter per unit time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 330: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(1), Subpart EEE

Item 330.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 330.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must measure secondary combustion chamber temperature at a location that best represents, as practicable, the bulk gas temperature in the combustion zone, you must document the temperature measurement location in the test plan you submit under §63.1207(e), and you must establish a minimum hourly rolling average limit as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The temperature of the upper secondary combustion chamber will be monitored continuously and will be maintained at a minimum of 996o C on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(2), dioxins and furans, minimum combustion chamber temperature.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 996 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 331: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(1), Subpart EEE

Item 331.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: 93FBI

Emission Unit: C-27018
Process: 425 Emission Source: 93FBI

Item 331.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must measure kiln temperature at a location that best represents, as practicable, the bulk gas temperature in the combustion zone, you must document the temperature measurement location in the test plan you submit under §63.1207(e), and you must establish a minimum hourly rolling average limit as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The temperature of the kiln will be monitored continuously and will be maintained at a minimum of 980o C an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(2), dioxins and furans, minimum combustion chamber temperature.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 332: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(1), Subpart EEE

Item 332.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: 96RKI

Item 332.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must measure kiln temperature at a location that best represents, as practicable, the bulk gas temperature in the combustion zone, you must document the temperature measurement location in the test plan you submit under §63.1207(e) and (f), and you must establish a minimum hourly rolling average limit as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The temperature of the lower secondary combustion chamber will be monitored continuously and will be maintained at a minimum of 999o C on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(2), dioxins and furans, minimum combustion chamber temperature.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 999 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 333: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 333.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 333.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.
The total hazardous waste feed rate will be monitored continuously and will be limited to a maximum of 1660 pounds per hour on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste federate.

Parameter Monitored: WASTE MATERIAL
Upper Permit Limit: 1660 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 334: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 334.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 334.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The total Group I and II hazardous waste feed rate will be monitored continuously and will be limited to a maximum of 78 pounds per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste feedrate.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 78 pounds per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 335: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 335.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 335.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pumpable hazardous waste feed rate will be monitored continuously and will be limited to a maximum of 6.7 drums per hour on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste federate.

Parameter Monitored: DRUMS
Upper Permit Limit: 6.7 number (or quantity) per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 336: Compliance Certification

Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 336.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 336.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The maximum pumpable and total hazardous waste feedrate will be monitored continuously and will be limited to 51 pounds of total Group I and II waste per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste federate.

Process Material: WASTE MATERIAL
Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 51 pounds per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 337: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 337.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 337.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The maximum pumpable and total hazardous waste feedrate will be monitored continuously and will be limited to 46 pounds of APS waste per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste federate.

Process Material: WASTE MATERIAL
Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 46 pounds per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 338: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 338.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 338.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The maximum pumpable and total hazardous waste feedrate will be monitored continuously and will be limited to 35 pounds of Group II waste per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste feedrate.

Process Material: WASTE MATERIAL
Parameter Monitored: VOLUMETRIC FLOW RATE

Upper Permit Limit: 35 pounds per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 339: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 339.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 339.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The Group II hazardous waste feed rate will be monitored continuously and will be limited to a maximum of 76 pounds per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste feedrate.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 76 pounds per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 340: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(3), Subpart EEE

Item 340.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 340.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish limits on the maximum pumpable and total (i.e., pumpable and nonpumpable) hazardous waste feedrate for each location where hazardous waste is fed, you must establish the limits as the average of the maximum hourly rolling averages for each run, and you must comply with the feedrate limit(s) on a hourly rolling average basis.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The APS hazardous waste feed rate will be monitored continuously and will be limited to a maximum of 49 pounds per minute on an hourly rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(k)(4), dioxins and furans, maximum hazardous waste feedrate.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 49 pounds per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 341: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(4), Subpart EEE

Item 341.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 341.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must specify operating parameters and limits to ensure that good operation of each hazardous waste firing system is maintained.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Steam atomization pressure is monitored continuously and will be maintained at a minimum of 62 psig on an hourly rolling average basis.

Parameter Monitored: STEAM
Lower Permit Limit: 62 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 342: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(4), Subpart EEE

Item 342.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: 93FBI

Emission Unit: C-27018
Process: 425 Emission Source: 93FBI

Item 342.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must specify operating parameters and limits to ensure that good operation of each hazardous waste firing system is maintained.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Air atomization pressure will be maintained at a minimum of 59 psig and will be monitored continuously on an hourly rolling average basis.

Parameter Monitored: PRESSURE
Lower Permit Limit: 59 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 343: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(j)(4), Subpart EEE

Item 343.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 343.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
You must specify operating parameters and limits to ensure that good operation of each hazardous waste firing system is maintained.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Air atomization pressure is monitored continuously and will be maintained at a minimum of 29 on an hourly rolling average basis.

Parameter Monitored: AIR FLOW
Lower Permit Limit: 29 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 344: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(l)(1), Subpart EEE

Item 344.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: 93FBI

Emission Unit: C-27018
Process: 425 Emission Source: 93FBI

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 344.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For incinerators and solid fuel boilers, when complying with the mercury emission standards under §§63.1203, 63.1216 and 63.1219, you must establish a 12-hour rolling average limit for the total feedrate of mercury in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The total feed rate of mercury in all feedstreams will be monitored continuously and will be limited to a maximum of 0.0076 pounds per hour monitored on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: FLOW RATE
Upper Permit Limit: 0.0076 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 345: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(l)(1), Subpart EEE

Item 345.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: 96RKI

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 345.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For incinerators and solid fuel boilers, when complying with the mercury emission standards under §§63.1203, 63.1216 and 63.1219, you must establish a 12-hour rolling average limit for the total feedrate of mercury in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The mercury feedrate will be monitored continuously and will be limited to a maximum of 0.0071 pounds per hour on a 12-hour rolling average basis.

Parameter Monitored: MASS FLOW RATE
Upper Permit Limit: 0.0071 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 346: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 346.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS21

Emission Unit: C-27018
Process: 424 Emission Source: IWS22

Emission Unit: C-27018
Process: 425 Emission Source: IWS21

Emission Unit: C-27018
Process: 425 Emission Source: IWS22

Item 346.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 35 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 35 gallons per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 347: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 347.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS22

Emission Unit: C-27018
Process: 425 Emission Source: IWS22

Item 347.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the

startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 321 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 321 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 348: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 348.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS21

Emission Unit: C-27018
Process: 425 Emission Source: IWS21

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 348.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content

manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 218 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 218 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 349: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 349.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS11

Emission Unit: C-27018
Process: 424 Emission Source: IWS12

Emission Unit: C-27018
Process: 425 Emission Source: IWS11

Emission Unit: C-27018
Process: 425 Emission Source: IWS12

Item 349.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 35 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 35 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 350: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 350.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS12

Emission Unit: C-27018
Process: 425 Emission Source: IWS12

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 350.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis l; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 309 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 309 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 351: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 351.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2B

Item 351.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 46 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 46 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 352: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 352.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1A

Item 352.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 41 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 41 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 353: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 353.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1B

Item 353.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as

provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 40 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 354: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 354.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1C

Item 354.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring

frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 29 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 29 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 355: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 355.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS21

Emission Unit: C-27018
Process: 424 Emission Source: IWS22

Emission Unit: C-27018
Process: 425 Emission Source: IWS21

Emission Unit: C-27018
Process: 425 Emission Source: IWS22

Item 355.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum total IWS power (kw) of 5.6 kw (1-hour average rolled every 10 minutes) for the sum of the 2-side IWS train.

Parameter Monitored: POWER
Lower Permit Limit: 5.6 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 356: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 356.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS11

Emission Unit: C-27018
Process: 424 Emission Source: IWS12

Emission Unit: C-27018
Process: 425 Emission Source: IWS11

Emission Unit: C-27018
Process: 425 Emission Source: IWS12

Item 356.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum total IWS power (kw) of 5.3 kw (1-hour average rolled every 10 minutes) for IWS side 1 total power.

Parameter Monitored: POWER
Lower Permit Limit: 5.3 kilowatts
Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 357: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 357.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS12

Emission Unit: C-27018
Process: 425 Emission Source: IWS12

Item 357.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum total IWS power (kw) of 3.6 kw (1-hour average rolled every 10 minutes) for each side 1 number 2 IWS unit.

Parameter Monitored: POWER
Lower Permit Limit: 3.6 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 358: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 358.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS22

Emission Unit: C-27018
Process: 425 Emission Source: IWS22

Item 358.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for

review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum total IWS power (kw) of 3.4 kw (1-hour average rolled every 10 minutes) for each IWS side 2 number 2 unit.

Parameter Monitored: POWER
Lower Permit Limit: 3.4 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 359: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 359.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2A

Emission Unit: C-27018
Process: 422 Emission Source: IWS2B

Emission Unit: C-27018
Process: 422 Emission Source: IWS2C

Item 359.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including

ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum IWS power (kw) of 6.7 kV (1-hour average) for the sum of the side 2 IWS units IWS2A, IWS2B & IWS2C.

Parameter Monitored: POWER
Upper Permit Limit: 6.7 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 360: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 360.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1A

Emission Unit: C-27018
Process: 422 Emission Source: IWS1B

Emission Unit: C-27018
Process: 422 Emission Source: IWS1C

Item 360.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum IWS power (kw) of 6.6 kV (1-hour average) for the sum of the side 1 IWS units IWS1A, IWS1B & IWS1C.

Parameter Monitored: POWER
Upper Permit Limit: 6.6 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 361: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 361.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2C

Item 361.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a minimum IWS power (kw) of 4.8 kV (1-hour average) for the IWS2C unit.

Parameter Monitored: POWER
Upper Permit Limit: 4.8 kilowatts
Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 362: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 362.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1C

Item 362.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with

the requirement is achieved with a minimum IWS power (kw) of 4.6 kV (1-hour average) for the IWS1C unit.

Parameter Monitored: POWER
Upper Permit Limit: 4.6 kilowatts
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 363: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 363.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1A

Item 363.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission

standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 359 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 359 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 364: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 364.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2C

Item 364.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 30 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 30 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 365: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 365.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1C

Item 365.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate

using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 355 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 355 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 366: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 366.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1B

Item 366.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers,

and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 353 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 353 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 367: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 367.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2A

Item 367.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 348 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 348 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 368: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 368.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2A

Item 368.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 49 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 49 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 369: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'),

Subpart EEE

Item 369.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2B

Item 369.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 347 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 347 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 370: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 370.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2C

Item 370.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels (established) during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a flowrate of 343 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 343 gallons per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 371: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('1'), Subpart EEE

Item 371.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS11

Emission Unit: C-27018
Process: 425 Emission Source: IWS11

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 371.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For sources equipped with wet scrubbers, including ionizing wet scrubbers, high energy wet scrubbers such as venturi, hydrosonic, collision, or free jet wet scrubbers, and low energy wet scrubbers, you must establish limits to ensure that the solids content of the scrubber liquid does not exceed levels during the performance test, by either (i) Establishing a limit on solids content of the scrubber liquid using a CMS or by manual sampling and analysis; or (ii) Establishing a minimum blowdown rate using a CMS and either a minimum scrubber tank volume or liquid level using a CMS. If you elect to monitor solids content manually, you must sample and analyze the scrubber liquid hourly unless you support an alternative monitoring frequency in the performance test plan that you submit for review and approval

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance

with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrate of 221 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 221 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 372: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('2'), Subpart EEE

Item 372.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 372.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For maximum solids content monitored with a CMS, you must establish a limit on a twelve-hour rolling average as the average of the test run averages.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with minimum IWS makeup water flowrates and power (kilowatts)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 373: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('4'), Subpart EEE

Item 373.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97003

Item 373.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For minimum blowdown rate and either a minimum scrubber tank volume or liquid level using a CMS, you must establish a limit on an hourly rolling average as the average of the test run averages. The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with minimum IWS makeup water flowrates and voltages

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 374: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(1)(i)('B')('4'), Subpart EEE

Item 374.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Item 374.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For minimum blowdown rate and either a minimum scrubber tank volume or liquid level using a CMS, you must establish a limit on an hourly rolling average as the average of the test run averages.

The facility IWS system has a constant overflow sump instead of a recirculating tank system. Compliance with the requirement is achieved with a makeup flowrates.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 375: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(3), Subpart EEE

Item 375.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 425

Item 375.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Owners and operators of hazardous waste incinerators, solid fuel boilers, and liquid fuel boilers must establish a maximum ash feedrate limit as a 12-hour rolling average based on the average of the test run averages. This requirement is waived, however, if you comply with the particulate matter detection system requirements under §63.1206(c)(9).

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The ash feed rate will be monitored continuously and will be limited to 561 pounds per hour on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: ASH CONTENT
Upper Permit Limit: 561 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR
AS THE AVG OF THE PAST 12 OPERATING
HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 376: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(3), Subpart EEE

Item 376.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 376.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Owners and operators of hazardous waste incinerators, solid fuel boilers, and liquid fuel boilers must establish a maximum ash feedrate limit as a 12-hour rolling average based on the average of the test run averages. This requirement is waived, however, if you comply with the particulate matter detection system requirements under §63.1206(c)(9).

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The ash feed rate to the incinerator will be monitored continuously and limited to a maximum of 935 pounds per

hour on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: ASH CONTENT
Upper Permit Limit: 935 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 377: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(m)(3), Subpart EEE

Item 377.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Item 377.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Owners and operators of hazardous waste incinerators, solid fuel boilers, and liquid fuel boilers must establish a maximum ash feedrate limit as a 12-hour rolling average based on the average of the test run averages. This requirement is waived, however, if you comply with the particulate matter detection system requirements under §63.1206(c)(9).

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The ash feed rate to the incinerator will be monitored continuously and limited to a maximum of 2,236 pounds per hour on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: ASH CONTENT
Upper Permit Limit: 2236 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR
AS THE AVG OF THE PAST 12 OPERATING
HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 378: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(2), Subpart EEE

Item 378.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD
CAS No: 007440-43-9 CADMIUM

Item 378.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For semivolatile metals (cadmium and lead) you must establish 12-hour rolling average limits for the total feedrate of semivolatile metals in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The semivolatile feed rate to the incinerator will be monitored continuously and limited to a maximum of 0.34 pounds per hour on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: MASS FLOW RATE
Upper Permit Limit: 0.34 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 379: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(2), Subpart EEE

Item 379.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Regulated Contaminant(s):

CAS No: 007440-41-7	BERYLLIUM
CAS No: 007440-47-3	CHROMIUM
CAS No: 007440-38-2	ARSENIC

Item 379.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

For low volatile metals (arsenic, beryllium, and chromium) you must establish 12-hour rolling average limits for the total feedrate of semivolatile and low volatile metals in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the

startup, shutdown, and malfunction plan.

The low-volatility metal feed rate to the incinerator will be monitored continuously and limited to a maximum of 0.78 pounds per hour on a 12-hour rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: MASS FLOW RATE
Upper Permit Limit: 0.78 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 380: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(2)(ii), Subpart EEE

Item 380.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Regulated Contaminant(s):
CAS No: 007440-47-3 CHROMIUM
CAS No: 007439-92-1 LEAD

Item 380.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Feed rate of SVM (Lead & Cadmium) is not to exceed 0.34 lb/hr.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WASTE MATERIAL
Upper Permit Limit: 0.34 pounds per hour
Monitoring Frequency: HOURLY
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)
Initial Report Due: 12/23/2013 for the period 05/24/2013 through 11/23/2013

Condition 381: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(4), Subpart EEE

Item 381.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 016887-00-6 CHLORIDE ION CL-

Item 381.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
You must establish a 12-hour rolling average limit for the feedrate of total chlorine and chloride in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The total chlorine and chloride feed rate will be monitored continuously and will be limited to 416 pounds per hour on a 12-hour rolling average basis. This condition also satisfies the requirements of 40 CFR 63.1209(o)(1)(i), hydrogen chloride and chlorine gas, feed rate of total chlorine and chloride.

Process Material: WASTE MATERIAL
Parameter Monitored: MASS FLOW RATE
Upper Permit Limit: 416 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 382: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(4), Subpart EEE

Item 382.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 016887-00-6 CHLORIDE ION CL-

Item 382.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

You must establish a 12-hour rolling average limit for the feedrate of total chlorine and chloride in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The total chlorine and chloride feed rate to the incinerator will be monitored continuously and limited to a maximum of 896 pounds per hour on a 12-hour rolling average basis.

This condition also satisfies the requirements of 40 CFR 63.1209(o)(1)(i), hydrogen chloride and chlorine gas, feed rate of total chlorine and chloride.

Process Material: WASTE MATERIAL
Parameter Monitored: MASS FLOW RATE
Upper Permit Limit: 896 pounds per hour
Monitoring Frequency: CONTINUOUS

Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR AS THE AVG OF THE PAST 12 OPERATING HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 383: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(n)(4), Subpart EEE

Item 383.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Regulated Contaminant(s):
CAS No: 016887-00-6 CHLORIDE ION CL-

Item 383.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
You must establish a 12-hour rolling average limit for the feedrate of total chlorine and chloride in all feedstreams as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The chlorine and chloride feed rate to the incinerator will be monitored continuously and limited to a maximum of 1,786 pounds per hour on a 12-hour rolling average basis.

This compliance monitoring activity also assures compliance with 40 CFR 63.1209(o)(1)(i).

Process Material: WASTE MATERIAL
Parameter Monitored: MASS FLOW RATE

Upper Permit Limit: 1786 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 12-HR ROLLING AVG, CALCULATED EA. HR
AS THE AVG OF THE PAST 12 OPERATING
HRS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 384: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(ii), Subpart EEE

Item 384.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: RKICS

Item 384.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber such as a spray tower, packed bed, or tray tower, you must establish a minimum pressure drop across the wet scrubber based on manufacturer's specifications. You must comply with the limit on an hourly rolling average.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pressure drop across the scrubber will be monitored continuously and will be maintained at 0.40 inches of water or greater on a 1-hour rolling average basis.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 0.40 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 385: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(ii), Subpart EEE

Item 385.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: FBCS1

Emission Unit: C-27018
Process: 424 Emission Source: FBCS2

Emission Unit: C-27018
Process: 425 Emission Source: FBCS1

Emission Unit: C-27018
Process: 425 Emission Source: FBCS2

Item 385.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber such as a spray tower, packed bed, or tray tower, you must establish a minimum pressure drop across the wet scrubber based on manufacturer's specifications. You must comply with the limit on an hourly rolling average.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Pressure drop across the scrubber will be monitored continuously and will be maintained at a minimum of 0.15 inches of water on an hourly rolling average basis.

Process Material: WASTE MATERIAL
Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.15 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 1-24: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iii), Subpart EEE

Item 1-24.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: FBCS2

Emission Unit: C-27018
Process: 425 Emission Source: FBCS2

Emission Unit: C-27018
Process: 427 Emission Source: FBCS2

Emission Unit: C-27018
Process: 428 Emission Source: FBCS2

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum liquid feed pressure to the wet scrubber based on manufacturer's specifications. You must comply with the limit on an hourly rolling average.

If the monitored parameter exceeds the limitation, the automatic waste feed cut off must immediately and automatically cut off the hazardous waste fee, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), and exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take corrective measures prescribed in the startup, shutdown and malfunction plant.

The minimum liquid feed pressure to the FBI counter current scrubber #2 is 34 psig.

Parameter Monitored: PRESSURE
Lower Permit Limit: 34 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 1-25: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iii), Subpart EEE

Item 1-25.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: FBCS1

Emission Unit: C-27018
Process: 425 Emission Source: FBCS1

Emission Unit: C-27018
Process: 427 Emission Source: FBCS1

Emission Unit: C-27018
Process: 428 Emission Source: FBCS1

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum liquid feed pressure to the wet scrubber based on manufacturer's specifications. You must comply with the limit on an hourly rolling average.

If the monitored parameter exceeds the limitation, the automatic waste feed cut off must immediately and

automatically cut off the hazardous waste fee, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), and exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take corrective measures prescribed in the startup, shutdown and malfunction plant.

The minimum liquid feed pressure to the FBI counter current scrubber #1 is 32 psig.

Parameter Monitored: PRESSURE
Lower Permit Limit: 32 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 1-26: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iii), Subpart EEE

Item 1-26.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: RKICS

Emission Unit: C-27018
Process: 423 Emission Source: RKICS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum liquid feed pressure to the wet scrubber based on manufacturer's specifications. You must comply with the limit on an hourly rolling average.

If the monitored parameter exceeds the limitation, the automatic waste feed cut off must immediately and

automatically cut off the hazardous waste fee, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), and exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take corrective measures prescribed in the startup, shutdown and malfunction plant.

The minimum liquid feed pressure to the RKI counter current scrubber is 24 psig.

Parameter Monitored: PRESSURE
Lower Permit Limit: 24 pounds per square inch gauge
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 387: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 387.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS11

Emission Unit: C-27018
Process: 425 Emission Source: IWS11

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 387.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and

automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pH of the scrubbing liquid will be monitored continuously and will be maintained at a minimum of 9.1 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.1 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 388: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 388.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS21

Emission Unit: C-27018
Process: 425 Emission Source: IWS21

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 388.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and

automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pH of the scrubbing liquid will be monitored continuously and will be maintained at a minimum of 9.0 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.0 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 389: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 389.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS12

Emission Unit: C-27018
Process: 425 Emission Source: IWS12

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 389.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and

automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pH of the scrubbing liquid will be monitored continuously and will be maintained at a minimum of 9.0 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.0 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 390: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 390.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2A

Item 390.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubbing liquid pH will be monitored continuously and will be maintained at a minimum of 9.3 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.3 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 391: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 391.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1A

Item 391.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubbing liquid pH will be monitored continuously and will be maintained at a minimum of 9.3 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.3 pH (STANDARD) units

Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 392: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 392.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS2B

Item 392.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubbing liquid pH will be monitored continuously and will be maintained at a minimum of 9.2 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.2 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 393: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 393.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: IWS1B

Item 393.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubbing liquid pH will be monitored continuously and will be maintained at a minimum of 9.2 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.2 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 394: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(iv), Subpart EEE

Item 394.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: IWS22

Emission Unit: C-27018
Process: 425 Emission Source: IWS22

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 394.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish a limit on minimum pH on an hourly rolling average as the average of the test run averages.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

The pH of the scrubbing liquid will be monitored continuously and will be maintained at a minimum of 9.0 on an hourly rolling average basis.

Parameter Monitored: PH
Lower Permit Limit: 9.0 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 395: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(v), Subpart EEE

Item 395.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: RKIQU

Item 395.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish limits on either the minimum liquid to gas ratio or the minimum scrubber water flowrate and maximum flue gas flowrate on an hourly rolling average as the average of the test run averages. If you establish limits on maximum flue gas flowrate under this paragraph, you need not establish a limit on maximum flue gas flowrate under paragraph (o)(2) of this section.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubber water flow rate will be monitored continuously and will be maintained at a minimum of 180 gallons per minute on an hourly rolling average basis.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 180 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 396: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(v), Subpart EEE

Item 396.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: RKICS

Item 396.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish limits on either the minimum liquid to gas ratio or the minimum scrubber water flowrate and maximum flue gas flowrate on an hourly rolling average as the average of the test run averages. If you establish limits on maximum flue gas flowrate under this paragraph, you need not establish a limit on maximum flue gas flowrate under paragraph (o)(2) of this section.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubber water flow rate will be monitored continuously and will be maintained at a minimum of 1,227 gallons per minute on an hourly rolling average basis.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1227 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 397: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(v), Subpart EEE

Item 397.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: FBCS2

Emission Unit: C-27018
Process: 425 Emission Source: FBCS2

Item 397.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish limits on either the minimum liquid to gas ratio or the minimum scrubber water flowrate and maximum flue gas flowrate on an hourly rolling average as the average of the test run averages. If you establish limits on maximum flue gas flowrate under this paragraph, you need not establish a limit on maximum flue gas flowrate under paragraph (o)(2) of this section.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubber water flow rate will be monitored continuously and will be maintained at a minimum of 1,178 gallons per minute on an hourly rolling average basis.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1178 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 398: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(v), Subpart EEE

Item 398.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: FBCS1

Emission Unit: C-27018
Process: 425 Emission Source: FBCS1

Item 398.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

If your source is equipped with a low energy wet scrubber, you must establish limits on either the minimum liquid to gas ratio or the minimum scrubber water flow rate and maximum flue gas flow rate on an hourly rolling average as the average of the test run averages. If you establish limits on maximum flue gas flow rate under this paragraph, you need not establish a limit on maximum flue gas flow rate under paragraph (o)(2) of this section.

If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Scrubber water flow rate will be monitored continuously and will be maintained at a minimum of 1017 gallons per minute on an hourly rolling average basis.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1017 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 399: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(o)(3)(v), Subpart EEE

Item 399.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 399.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
FBI - quench water flow is limited to greater than or equal to 153 gpm.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 153 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 2-2: Compliance Certification
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(p), Subpart EEE

Replaces Condition(s) 1-27

Item 2-2.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: 96RKI

Item 2-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If you comply with the requirements for combustion system leaks under §63.1206(c)(5) by maintaining the maximum

combustion chamber zone pressure lower than ambient pressure to prevent combustion systems leaks from hazardous waste combustion, you must perform instantaneous monitoring of pressure and the automatic waste feed cutoff system must be engaged when negative pressure is not adequately maintained.
If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Combustion chamber pressure will be monitored continuously and will not exceed the maximum of negative 0.222 inches of water for 2 or more seconds.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.222 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 2-3: Compliance Certification
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(p), Subpart EEE

Item 2-3.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422 Emission Source: 96RKI

Item 2-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If you comply with the requirements for combustion system leaks under §63.1206(c)(5) by maintaining the maximum combustion chamber zone pressure lower than ambient pressure to prevent combustion systems leaks from hazardous waste combustion, you must perform instantaneous

monitoring of pressure and the automatic waste feed cutoff system must be engaged when negative pressure is not adequately maintained.
If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Combustion chamber pressure will be monitored continuously and will be maintained at a maximum of negative 0.08 inches of water at all times.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.08 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 400: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1209(p), Subpart EEE

Item 400.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 424 Emission Source: 93FBI

Emission Unit: C-27018
Process: 425 Emission Source: 93FBI

Item 400.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If you comply with the requirements for combustion system leaks under §63.1206(c)(5) by maintaining the maximum combustion chamber zone pressure lower than ambient pressure to prevent combustion systems leaks from hazardous waste combustion, you must perform instantaneous

monitoring of pressure and the automatic waste feed cutoff system must be engaged when negative pressure is not adequately maintained.
If the monitored parameter exceeds the limitation, the automatic waste feed cutoff must immediately and automatically cut off of the hazardous waste feed, except as provided by Section 63.1206(c)(3)(viii). In accordance with 63.1206(c)(2)(v)(2), an exceedance of this emission standard is not a violation of 40 CFR Part 63, Subpart EEE if you take the corrective measures prescribed in the startup, shutdown, and malfunction plan.

Combustion chamber pressure will be monitored continuously and will be maintained at a maximum of negative 0.08 inches of water at all times.

Parameter Monitored: PRESSURE
Upper Permit Limit: -0.08 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 402: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1210(a), Subpart EEE

Item 402.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 402.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of this facility shall submit the notices required by the following regulations:

40CFR 63.9(b)
40CFR 63.1210(b)
40CFR 63.1210(c)
40CFR 63.9(d)
40CFR 63.1207(e)
40CFR 63.9(e)
40CFR 63.9(g)(1)
40CFR 63.9(b)(3)
40CFR 63.9(1210)(d)
40CFR 63.1207(j)
40CFR 63.9(h)
40CFR 63.10(d)(2)
40CFR 63.10(e)(2)
40CFR 63.1206(b)(6)
40CFR 63.9(j)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 403: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1210(b), Subpart EEE

Item 403.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 403.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of this facility shall prepare and submit a Notification of Intent to Comply that meets the requirements of:
40CFR 63.1210(b)(i)
40CFR 63.1210(b)(ii)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 404: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1210(d), Subpart EEE

Item 404.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 404.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of this facility
shall submit the notices required by the
following regulations:

The notification of compliance status
requirements of 40 CFR 63.9(h) apply,
except for:
40CFR 63.1210(d)(1)
40CFR 63.1210(d)(1)(i)
40CFR 63.1210(d)(1)(ii)
40CFR 63.1210(d)(1)(iii)
40CFR 63.1210(d)(2)
40CFR 63.1210(d)(3)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-28: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(a), Subpart EEE

Item 1-28.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
An Excess Emissions and Continuous Monitoring System Performance Report or Summary Report must be submitted as required by 63.10(e)(3). The report shall be delivered or postmarked by the 30th day following the end of each calendar half reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 405: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(a), Subpart EEE

Item 405.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 405.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee must submit to the NYSDEC a written report within 5 (five) days of an emergency safety vent (ESV) opening that results in non compliance with the emission standards of this subpart, as defined by 40CFR 63.1206(c)(4)(iv) documenting the results of the investigation and corrective measures taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 406: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(a), Subpart EEE

Item 406.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 406.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each set of 10 (ten) exceedances of any emission standard or operating requirements while hazardous waste remains in the combustion chamber (i.e., when the hazardous waste residence time has not transpired since the hazardous waste feed was) cutoff during a 60-day block period, the permittee must submit to the NYSDEC a written report of exceedances within 5 (five) calendar days of the 10th exceedance as per 40CFR63.1206(c)(3)(vi).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 407: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(a), Subpart EEE

Item 407.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 407.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any time an action taken by the permittee during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures specified in the affected source's startup, shutdown and malfunction plan, the permittee must report the actions taken within 2 (two) working days followed by a letter within 7 (seven) working days of the non-compliance consistent with the requirements of 40CFR 63.10(d)(5)(ii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 408: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(a), Subpart EEE

Item 408.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 408.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

A startup, shutdown, and malfunction report must be submitted by the permittee to NYSDEC, if a startup, shutdown, or malfunction occurred during the reporting period as required by 40CFR 63.10(d)(5)(i). The report shall be delivered or postmarked by the 30th day following the end of each calendar half reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 409: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(b), Subpart EEE

Item 409.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 409.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

You must retain the following in the operating record information required to document and maintain compliance with the regulations of Subpart EEE, including data recorded by continuous monitoring systems (CMS), and copies of all notifications, reports, plans, and other documents submitted to the Administrator as per 40 CFR 63.1200, 40 CFR 63.10(b) and (c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 410: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(b), Subpart EEE

Item 410.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 410.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must retain documentation in the operating record as required in the following regulations:
40 CFR 63.1206(b)(5)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 411: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(b), Subpart EEE

Item 411.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 411.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you elect to comply with all applicable requirements

and standards promulgated under authority of the Clean Air Act, including Sections 112 and 129, in lieu of the requirements of Subpart EEE when not burning hazardous waste, you must document in the operating record that you are in compliance with those requirements in accordance with 40 CFR 63.1206(b)(1)(ii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 412: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1211(c), Subpart EEE

Item 412.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 412.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of this facility shall retain the records in the operating record required by the following regulations:
40CFR 63.1201(a)
40CFR 63.10(b) and (c)
40CFR 63.1211(d)
40CFR 63.1206(c)(3)(vii)
40CFR 63.1209(c)(2)
40CFR 63.1206(b)(1)(ii)(B)
40CFR 63.1206(c)(2)
40CFR 63.1206(c)(3)(v)
40CFR 63.1206(c)(4)(ii)
40CFR 63.1206(c)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 413: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 413.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 413.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain mercury in excess of 130 µg/dscm corrected to 7 percent oxygen.

Upper Permit Limit: 130 microgram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: EPA Method 29
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 414: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 414.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007440-43-9 CADMIUM
CAS No: 007439-92-1 LEAD

Item 414.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain lead and cadmium in excess of 230 µg/dscm, combined emissions, corrected to 7 percent oxygen.

Upper Permit Limit: 230 microgram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: EPA Method 29
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 415: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 415.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 415.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain hydrochloric acid and chlorine gas in excess of 32 parts per million by volume, combined emissions, expressed as hydrochloric acid equivalents, dry basis and corrected to 7 percent oxygen.

Upper Permit Limit: 32 parts per million by volume (dry, corrected to 7% O2)
Reference Test Method: EPA Method 26A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 416: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 416.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 022431-89-6 DIOXANE,1,2- 3,3,6,6-TETRAMETHYL

Item 416.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain dioxins and furans emissions in excess of 0.40 ng TEQ/dscm, corrected to 7 percent oxygen, for incinerators not equipped with either a waste heat boiler or dry air pollution control system.

Upper Permit Limit: 0.40 nanogram toxicity equivalence

per dry standard cu meter, corrected
to 7% O2
Reference Test Method: EPA Method 0023A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 3-HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 417: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 417.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):

CAS No: 007440-41-7	BERYLLIUM
CAS No: 007440-47-3	CHROMIUM
CAS No: 007440-38-2	ARSENIC

Item 417.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain arsenic, beryllium, and chromium in excess of 92 µg/dscm, combined emissions, corrected to 7 percent oxygen.

Upper Permit Limit: 92 microgram toxicity equivalence
per dry standard cu meter, corrected
to 7% O2
Reference Test Method: EPA Method 29
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 418: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 418.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 418.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Except as provided by paragraph (e) of this section, you must not discharge or cause combustion gases to be emitted into the atmosphere that contain particulate matter in excess of 0.013 grains/dry standard cubic foot corrected to 7 percent oxygen.

Upper Permit Limit: 0.013 grains per dry standard cubic foot (corrected to 7% O2)
Reference Test Method: EPA Method 5 or 51
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 419: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(a), Subpart EEE

Item 419.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 419.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
You must not discharge or cause combustion gases to be emitted into the atmosphere that contain either carbon monoxide in excess of 100 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis and corrected to 7 percent oxygen, or hydrocarbons in excess of 10 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane as per paragraph (b)(5)(ii) of this section. If you elect to comply with this carbon monoxide standard rather than the hydrocarbon standard, you must also document that, during the destruction and removal efficiency (DRE) test runs or their equivalent as provided by §63.1206(b)(7), hydrocarbons do not exceed 10 parts per million by volume during those runs, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane; or hydrocarbons in excess of 10 parts per million by volume, over an hourly rolling average (monitored continuously with a continuous emissions monitoring system), dry basis, corrected to 7 percent oxygen, and reported as propane.

Manufacturer Name/Model Number: Servomex Xentra
Upper Permit Limit: 100 parts per million by volume
(dry, corrected to 7% O2)
Reference Test Method: 40 CFR Part 60
Monitoring Frequency: CONTINUOUS
Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1 MINUTE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 420: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(c)(1), Subpart EEE

Item 420.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 420.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Except as provided in paragraph (c)(2) of this section, you must achieve a Destruction and Removal Efficiency (DRE) of 99.99% for each principal organic hazardous constituent (POHC) designated under paragraph (c)(3) this section calculated as defined in 40CFR 63.1203(c)(1).

Parameter Monitored: DESTRUCTION EFFICIENCY
Lower Permit Limit: 99.99 percent reduction by weight
Reference Test Method: 40 CFR Part 63 EEE
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 421: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(c)(3)(ii), Subpart EEE

Item 421.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 421.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must specify one or more POHCs that are representative of the most difficult to destroy organic compounds in your hazardous waste feedstream. You must base this specification on the degree of difficulty of incineration of the organic constituents in the hazardous waste and on their concentration or mass in the hazardous waste feed, considering the results of hazardous waste analyses or other data and information.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 422: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.1219(e), Subpart EEE

Item 422.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 422

Emission Unit: C-27018
Process: 424

Emission Unit: C-27018
Process: 425

Item 422.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In lieu of complying with the particulate matter standards of this section, you may elect to comply with the alternative metal emission control requirements contained in the following regulations:
40CFR 63.1219(e)(2)(i and ii)

40CFR 63.1219(e)(4)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 423: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(a), Subpart FFFF

Item 423.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Item 423.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For sources subject to 40 CFR Part 63, Subpart FFFF, you must be in compliance with the emission limits and work practice standards in Tables 1 through 7 to this subpart at all times, except during periods of startup, shutdown, and malfunction (SSM).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 424: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(b), Subpart FFFF

Item 424.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1 Emission Source: MCPU1

Emission Unit: C-27035

Process: MN2 Emission Source: MCPU2

Emission Unit: F-INISH
Process: MN3 Emission Source: MCPU3

Item 424.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each MCPU that is subject to the 40 CFR Part 63, Subpart FFFF, halogenated vent streams, as defined in §63.2550, must be identified by calculating the mass emission rate of halogen atoms in accordance with §63.115(d)(2)(v). Alternatively, you may elect to designate the emission stream as halogenated.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 425: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(f), Subpart FFFF

Item 425.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007

Emission Unit: C-27018
Process: 090

Emission Unit: C-27035 Emission Point: 27035

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 425.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you use a halogen reduction device to reduce hydrogen halide and halogen HAP emissions from halogenated vent streams, you must meet the requirements of §63.994 and the requirements referenced therein. If you use a halogen reduction device before a combustion device, you must

determine the halogen atom emission rate prior to the combustion device according to the procedures in §63.115(d)(2)(v).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 426: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(h), Subpart FFFF

Item 426.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Item 426.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For sources controlled by small control devices under 40 CFR Part 63, Subpart FFFF, to determine the percent reduction of a small control device, you may elect to conduct a design evaluation as specified in §63.1257(a)(1) instead of a performance test as specified in subpart SS of this part 63. You must establish the value(s) and basis for the operating limits as part of the design evaluation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 427: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(i), Subpart FFFF

Item 427.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Item 427.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When §63.997(e)(2)(iii)(C) requires you to correct the measured concentration at the outlet of a combustion device to 3 percent oxygen if you add supplemental combustion air, the requirements in either paragraph (i)(1) or (2) of this section apply for the purposes of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 428: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(j), Subpart FFFF

Item 428.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Item 428.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each continuous emissions monitoring system (CEMS) regulated under 40 CFR Part 63, Subpart FFFFF must be installed, operated, and maintained according to the requirements in §63.8 and paragraphs (j)(1) through (5) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 429: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(k), Subpart FFFF

Item 429.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 429.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For control devices subject to 40 CFR Part 63, Subpart FFFF, the provisions in paragraphs (k)(1) through (4) of this section apply in addition to the requirements for continuous parameter monitoring system (CPMS) in subpart SS of this part 63.
(1) You must record the results of each calibration check and all maintenance performed on the CPMS as specified in §63.998(c)(1)(ii)(A).
(2) When subpart SS of this part 63 uses the term ¿a range¿ or ¿operating range¿ of a monitored parameter, it means an ¿operating limit¿ for a monitored parameter for the purposes of this subpart.
(3) As an alternative to measuring pH as specified in §63.994(c)(1)(i), you may elect to continuously monitor the caustic strength of the scrubber effluent.
(4) As an alternative to the inlet and outlet temperature monitoring requirements for catalytic incinerators as specified in §63.988(c)(2), you may elect to comply with the requirements specified in paragraphs (k)(4)(i) through (iii) of this section.
(i) Monitor the inlet temperature as specified in subpart SS of this part 63.
(ii) Check the activity level of the catalyst at least every 12 months and take any necessary corrective action, such as replacing the catalyst to ensure that the catalyst

is performing as designed.
(iii) Maintain records of the annual checks of catalyst activity levels and the subsequent corrective actions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 430: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(l), Subpart FFFF

Item 430.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 430.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For control devices subject to 40 CFR Part 63, Subpart FFFF, Sections 63.152(f)(7)(ii) through (iv) and 63.998(b)(2)(iii) and (b)(6)(i)(A), which apply to the exclusion of monitoring data collected during periods of SSM from daily averages, do not apply for the purposes of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 431: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2450(p), Subpart FFFF

Item 431.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1 Emission Source: MCPU1

Emission Unit: C-27035
Process: MN2 Emission Source: MCPU2

Emission Unit: F-INISH
Process: MN3 Emission Source: MCPU3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 431.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each MCPU that is subject to 40 CFR Part 63, Subpart FFFF, opening a safety device, as defined in §63.2550, is allowed at any time conditions require it to avoid unsafe conditions.

This permit condition becomes effective on the compliance date of May 10, 2008.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-4: Compliance Certification
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Replaces Condition(s) 435

Item 2-4.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62007
Process: 401 Emission Source: MCSVS

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 2-4.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:
The scrubber water flow (ES-MCSVS) is monitored to ensure sufficient control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with Subpart FFFF 63.2465(a) and 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 432: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Item 432.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):

CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 068479-14-1	SILANE, CHLORO METHYL DERIVS
CAS No: 000064-19-7	ACETIC ACID

Item 432.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the third stage of the scrubber will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations under 6 NYCRR 212.9(b). Engineering calculations will be used as evidence of compliance under 6 NYCRR 212.9(b) with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with Subpart FFFF 63.2465(a) and 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 7.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 433: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Item 433.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):

CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 068479-14-1	SILANE, CHLORO METHYL DERIVS
CAS No: 000064-19-7	ACETIC ACID

Item 433.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the second stage of the scrubber will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations under 6 NYCRR 212.9(b). Engineering calculations will be used as evidence of compliance under 6 NYCRR 212.9(b) with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with Subpart FFFF 63.2465(a) and 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 434: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Item 434.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):

CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 068479-14-1	SILANE, CHLORO METHYL DERIVS
CAS No: 000064-19-7	ACETIC ACID

Item 434.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the first stage of the scrubber will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations under 6 NYCRR 212.9(b). Engineering calculations will be used as evidence of compliance under 6 NYCRR 212.9(b) with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with Subpart FFFF 63.2465(a) and 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.

Subsequent reports are due every 6 calendar month(s).

Condition 436: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Item 436.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):

CAS No: 000064-19-7	ACETIC ACID
CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 068479-14-1	SILANE, CHLORO METHYL DERIVS

Item 436.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Spray tower flow rate will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations under 6 NYCRR 212.9(b). Engineering calculations will be used as evidence of compliance under 6 NYCRR 212.9(b) with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with Subpart FFFF 63.2465(a) and 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 437: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2455(b), Subpart FFFF

Item 437.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1 Emission Source: MCPU1

Emission Unit: C-27035
Process: MN2 Emission Source: MCPU2

Emission Unit: F-INISH
Process: MN3 Emission Source: MCPU3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 437.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each continuous process vent in an MCPU regulated under the MON, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in § 63.115(d), except as specified in paragraphs (b)(1) through (3) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 438: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Item 438.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 083

Emission Unit: C-27018
Process: 715

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 438.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents in these processes will be vented to a pre-scrubber (MTCSS) to remove non-HAP constituents, and then to the RKI (96RKI) or the Fixed Box #2 Incinerator (96FBI). The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum kiln temperature for 96RKI will be 999°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 999 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 439: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Item 439.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 083

Emission Unit: C-27018
Process: 715

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 439.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents in these processes will be vented to a pre- scrubber (MTCSS) to remove non-HAP constituents, and then to the RKI (96RKI) or the Fixed Box #2 Incinerator (FBIAB). The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum kiln temperature for 96FBI will be 980°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees C below the approved performance test combustion temperature
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 440: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Item 440.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 023

Emission Unit: C-27018
Process: 024

Emission Unit: C-27018
Process: 025

Emission Unit: C-27018
Process: 026

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 440.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents from these processes will be vented to a pre-condenser (source D4CON) and then to the RKI (96RKI) or Fixed Box #2 Incinerator (96FBI). The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum temperature for 96FBI will be 980°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 980 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 441: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Item 441.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 023

Emission Unit: C-27018
Process: 024

Emission Unit: C-27018
Process: 025

Emission Unit: C-27018
Process: 026

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 441.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

Collective uncontrolled organic HAP emissions from the sum of all Group 1 batch process vents within the process must be reduced by =98 percent by weight by venting emissions from a sufficient number of the vents through a closed-vent system to any combination of control devices (except a flare).

The Group 1 batch process vents from these processes will be vented to a pre-condenser (source D4CON) and then to the RKI (96RKI) or Fixed Box #2 Incinerator (93FBI). The temperature in the fire box or in the ductwork immediately downstream of the fire box will be monitored continuously in accordance with 40 CFR 63.988(c)(1). The minimum kiln temperature for 96RKI will be 999°C. Records will be maintained in accordance with 40 CFR Section 63.998.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 999 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 442: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(b), Subpart FFFF

Item 442.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1 Emission Source: MCPU1

Emission Unit: C-27035
Process: MN2 Emission Source: MCPU2

Emission Unit: F-INISH
Process: MN3 Emission Source: MCPU3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 442.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For processes with batch process vents that are subject

to 40 CFR Part 63, Subpart FFFF, determine the group status of the batch process vents by determining and summing the uncontrolled organic HAP emissions from each of the batch process vents within the process using the procedures specified in §63.1257(d)(2)(i) and (ii), except as specified in paragraphs (b)(1) through (4) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 443: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(c), Subpart FFFF

Item 443.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1 Emission Source: MCPU1

Emission Unit: C-27035
Process: MN2 Emission Source: MCPU2

Emission Unit: F-INISH
Process: MN3 Emission Source: MCPU3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 443.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs with Group 1 batch process vents, exceptions to the requirements in subpart SS of this part 63 are specified in paragraphs (c)(1) through (7) of this section, and include process condensers, initial compliance, establishing operating limit, averaging periods, periodic verification, and outlet concentration correction for supplemental gases.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 444: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2460(c)(7), Subpart FFFF

Item 444.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 013

Emission Unit: C-27018
Process: 022

Emission Unit: C-27018
Process: 023

Emission Unit: C-27018
Process: 024

Emission Unit: C-27018
Process: 025

Emission Unit: C-27018
Process: 026

Emission Unit: C-27018
Process: 040

Emission Unit: C-27018
Process: 047

Emission Unit: C-27018
Process: 083

Emission Unit: C-27018
Process: 108

Emission Unit: C-27018
Process: 715

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 444.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If flow to a control device could be intermittent, a flow indicator at the inlet or outlet of the control device must be installed, calibrated, and operated to identify periods of no flow. Periods of no flow may not be used in

daily or block averages, and it may not be used in fulfilling a minimum data availability requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-5: Compliance Certification
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Replaces Condition(s) 446

Item 2-5.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 27024

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 2-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The scrubber temperature will be monitored to ensure the scrubber is operating at the required control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured parameter exceeds the upper limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 95 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 445: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Item 445.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 35044
Process: 067

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 445.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The water flow to the scrubber is monitored to ensure the scrubber is operating at the required control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 8 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 447: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Item 447.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27035 Emission Point: 27035

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 447.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The packed tower water scrubber flow is maintained at a minimum of 5 gpm to ensure 99% control efficiency for Part 212. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 448: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Item 448.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 76710

Emission Unit: C-27018 Emission Point: 76711

Regulated Contaminant(s):

CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 000075-65-0	2-METHYL-2-PROPANOL
CAS No: 001112-39-6	SILANE, DIMETHOXYDIMETHYL
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 000067-64-1	DIMETHYL KETONE

Item 448.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch

operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY BLOCK (ARITHMETIC AVERAGE)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 449: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Item 449.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 76001

Regulated Contaminant(s):

CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000067-64-1	DIMETHYL KETONE
CAS No: 000075-36-5	ACETYL CHLORIDE
CAS No: 000075-78-5	DIMETHYLDICHLOROSILANE
CAS No: 000075-79-6	METHYLTRICHLOROSILANE
CAS No: 000107-46-0	HEXAMETHYLDISILOXANE
CAS No: 000108-88-3	TOLUENE
CAS No: 000124-70-9	SILANE, DICHLOROETHENYLMETHYL
CAS No: 001112-39-6	SILANE, DIMETHOXYDIMETHYL
CAS No: 001185-55-3	METHYLTRIMETHOXYSILANE
CAS No: 001719-58-0	SILANE, CHLOROETHENYLDIMETHYL
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 010026-04-7	TETRACHLORO SILANE
CAS No: 068479-14-1	SILANE, CHLORO METHYL DERIVS
CAS No: 000064-19-7	ACETIC ACID

Item 449.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

A flow meter is used to monitor the water flow rate to the scrubber to ensure sufficient control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 72 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 450: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2465(a), Subpart FFFF

Item 450.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 35017

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 450.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The water flow to the scrubber is monitored to ensure the scrubber is operating at the required control efficiency. Engineering calculations will be used as evidence of compliance with control efficiency when the measured flow rate falls below the lower limit of monitoring.

Compliance with this monitoring requirement assures compliance with 212.9(b) per the Pre-Compliance Report.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1.5 gallons per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 451: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2480, Subpart FFFF

Item 451.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: 220

Emission Unit: C-27035
Process: 221

Emission Unit: F-INISH
Process: 222

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 451.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) You must meet each requirement in Table 6 to this subpart that applies to your equipment leaks, except as specified in paragraphs (b) and (c) of this section.
(b) The requirements for pressure testing in §63.1036(b) may be applied to all processes, not just batch processes.

(c) For the purposes of this subpart, pressure testing for leaks in accordance with §63.1036(b) is not required after reconfiguration of an equipment train if flexible hose connections are the only disturbed equipment.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 452: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2485(c), Subpart FFFF

Item 452.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Item 452.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, determine Group 1 wastewater streams. For the purposes of this subpart, a process wastewater stream is Group 1 for compounds in Tables 8 and 9 to this subpart if any of the conditions specified in paragraphs (c) (1) through (3) of this section are met.
(1) The total annual average concentration of compounds in Table 8 to this subpart is greater than 50 ppmw, and the combined total annual average concentration of compounds in Tables 8 and 9 to this subpart is greater than or equal to 10,000 ppmw at any flowrate.
(2) The total annual average concentration of compounds Table 8 to this subpart is greater 50 ppmw, the combined total annual average concentration of compounds in Tables 8 and 9 to this subpart is greater than or equal to 1,000 ppmw, and the annual average flowrate is greater than or equal to 1 l/min.
(3) The total annual average concentration of compounds in Table 8 to this subpart is less than or equal to 50 ppmw, the total annual average concentration of compounds in Table 9 to this subpart is greater than or equal to 30,000 ppmw at an existing source or greater than or equal to 4,500 ppmw at a new source, and the total annual load of compounds in Table 9 to this subpart is greater than or equal to 1 tpy.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 453: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2520(c), Subpart FFFF

Item 453.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 453.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, you must submit compliance reports containing the information specified in paragraphs (e)(1) through (10) of this section. The compliance reports must be submitted semiannually according to the requirements in 63.2520(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 454: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2520(c), Subpart FFFF

Item 454.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 454.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, you must submit a precompliance report to request approval for any of the items in paragraphs (c)(1) through (7) of this section. We will either approve or disapprove the report within 90 days after we receive it. If we disapprove the report, you must still be in compliance with the emission limitations and work practice standards in this subpart by the compliance date. To change any of the information submitted in the report, you must notify us 60 days before the planned change is to be implemented.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 455: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2520(c), Subpart FFFF

Item 455.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 455.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, you must submit a notification of compliance status report according to the schedule in paragraph (d)(1) of this section, and the notification of compliance status report

must contain the information specified in paragraph (d)(2) of this section.
(1) You must submit the notification of compliance status report no later than 150 days after the applicable compliance date specified in §63.2445.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 456: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2525, Subpart FFFF

Item 456.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: MN1

Emission Unit: C-27035
Process: MN2

Emission Unit: F-INISH
Process: MN3

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 456.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, you must keep the records specified in paragraphs (a) through (k) of this section.
(a) Each applicable record required by subpart A of this part 63 and in referenced subparts F, G, SS, TT, UU, WW, and GGG of this part 63.
(b) Records of each operating scenario as specified in paragraphs (b)(1) through (8) of this section.
(1) A description of the process and the type of process equipment used.
(2) An identification of related process vents, including their associated emissions episodes if not complying with the alternative standard in §63.2505; wastewater point of determination (POD); storage tanks; and transfer racks.

(3) The applicable control requirements of this subpart,

including the level of required control, and for vents, the level of control for each vent.
(4) The control device or treatment process used, as applicable, including a description of operating and/or testing conditions for any associated control device.

(5) The process vents, wastewater POD, transfer racks, and storage tanks (including those from other processes) that are simultaneously routed to the control device or treatment process(s).
(6) The applicable monitoring requirements of this subpart and any parametric level that assures compliance for all emissions routed to the control device or treatment process.
(7) Calculations and engineering analyses required to demonstrate compliance.
(8) For reporting purposes, a change to any of these elements not previously reported, except for paragraph (b)(5) of this section, constitutes a new operating scenario.
(c) A schedule or log of operating scenarios updated each time a different operating scenario is put into operation.

(d) The information specified in paragraphs (d)(1) and (2) of this section for Group 1 batch process vents in compliance with a percent reduction emission limit in Table 2 to this subpart if some of the vents are controlled to less the percent reduction requirement.

(1) Records of whether each batch operated was considered a standard batch.
(2) The estimated uncontrolled and controlled emissions for each batch that is considered to be a nonstandard batch.
(e) The information specified in paragraphs (e)(1) through (4) of this section for each process with Group 2 batch process vents or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. No record is required if you documented in the notification of compliance status report that the MCPU does not process, use, or produce HAP.
(1) A record of the day each batch was completed.
(2) A record of whether each batch operated was considered a standard batch.
(3) The estimated uncontrolled and controlled emissions for each batch that is considered to be a nonstandard batch.
(4) Records of the daily 365-day rolling summations of emissions, or alternative records that correlate to the emissions (e.g., number of batches), calculated no less frequently than monthly.

(f) A record of each time a safety device is opened to avoid unsafe conditions in accordance with §63.2450(s).

(g) Records of the results of each CPMS calibration check and the maintenance performed, as specified in §63.2450(k)(1).
(h) For each CEMS, you must keep records of the date and time that each deviation started and stopped, and whether the deviation occurred during a period of startup, shutdown, or malfunction or during another period.
(i)
(j) In the SSMP required by §63.6(e)(3), you are not required to include Group 2 emission points, unless those emission points are used in an emissions average. For equipment leaks, the SSMP requirement is limited to control devices and is optional for other equipment.
(k) For each bag leak detector used to monitor PM HAP emissions from a fabric filter, maintain records of any bag leak detection alarm, including the date and time, with a brief description of the cause of the alarm and the corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 457: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.2535(g), Subpart FFFF

Item 457.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018

Emission Unit: C-27035

Emission Unit: F-INISH

Emission Unit: W-97004

Item 457.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For MCPUs subject to 40 CFR Part 63, Subpart FFFF, after the compliance dates specified in § 63.2445, if you have a Group 1 wastewater stream that is also subject to

provisions in 40 CFR parts 260 through 272, you may elect to determine whether this subpart or 40 CFR parts 260 through 272 contain the more stringent control requirements (e.g., design, operation, and inspection requirements for waste management units; numerical treatment standards; etc.) and the more stringent testing, monitoring, recordkeeping, and reporting requirements. Compliance with provisions of 40 CFR parts 260 through 272 that are determined to be more stringent than the requirements of this subpart constitute compliance with this subpart. For example, provisions of 40 CFR parts 260 through 272 for treatment units that meet the conditions specified in § 63.138(h) constitute compliance with this subpart. You must identify in the notification of compliance status report required by § 63.2520(d) the information and procedures that you used to make any stringency determinations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 458: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.7881(c), Subpart GGGGG

Item 458.1:
The Compliance Certification activity will be performed for the Facility.

Item 458.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total Table 1 HAP contained in the remediation material that will be excavated, extracted, pumped, or otherwise removed during the site remediation is less than 1 megagram per year (Mg/yr). Written documentation must be kept to support the determination of the total HAP quantity used to demonstrate compliance with paragraph (c)(1). This documentation must include a description of the methodology and data used for determining the total HAP content of the material.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 459: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9000(a), Subpart NNNNN

Item 459.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 459.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each emission stream from leaking equipment in HCl service at an existing source, you must prepare and operate at all times according to an equipment LDAR plan that describes in detail the measures that will be put in place to detect leaks and repair them in a timely fashion and submit the plan to the Administrator for comment only with your Notification of Compliance Status; you may incorporate by reference in such plan existing manuals that describe the measures in place to control leaking equipment emissions required as part of other federally enforceable requirements provided that all manuals that are incorporated by reference are submitted to the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 460: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9000(a), Subpart NNNNN

Item 460.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 460.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each emission stream from an HCl process vent at an existing source, HCl emissions shall be reduced by 99% or greater or achieve an outlet concentration of 20 ppm by volume or less; and Cl2 emissions shall be reduced by 99% or greater or achieve an outlet concentration of 100 ppm by volume or less.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 461: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9000(b), Subpart NNNNN

Item 461.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 461.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For each caustic scrubber or water scrubber/absorber, maintain the daily average scrubber inlet liquid or recirculating liquid flow rate above the operating limit, or maintain operating parameters within the limits established according to an alternative compliance plan established under § 63.8(f).

Compliance with this monitoring activity also assures compliance with federal applicable requirement 6NYCRR 212.4(c) for particulates, and state-only applicable requirement 6 NYCRR Section 212.9(b). The lower limit of monitoring ensures compliance with all process operations. Engineering calculations will be used as compliance with particulate control efficiency when the measured flow rate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 462: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9000(b), Subpart NNNNN

Item 462.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 462.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For each caustic scrubber or water scrubber/absorber, maintain the daily average scrubber effluent pH within the operating limits, or maintain operating parameters within the limits established according to an alternative compliance plan established under § 63.8(f).

Compliance with this monitoring activity also assures compliance with state-only applicable requirement 6 NYCRR Section 212.9(b).

Parameter Monitored: PH
Lower Permit Limit: 9.0 pH (STANDARD) units
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 463: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9005(a), Subpart NNNNN

Item 463.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 463.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must be in compliance with the emission limitations and work practice standards in this subpart at all times, except during periods of startup, shutdown, and malfunction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 464: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9005(b), Subpart NNNNN

Item 464.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 464.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in Sec. 63.6(e)(1)(i) (Startup, Shutdown, Malfunction Plan).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 465: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9005(c), Subpart NNNNN

Item 465.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 465.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must develop and implement a written startup, shutdown, and malfunction plan according to the provisions in Sec. 63.6(e)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 466: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9005(d), Subpart NNNNN

Item 466.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 466.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's

specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately. For each monitoring system required in this section, you must develop, implement, and submit to the Administrator a site-specific monitoring plan that addresses the installation requirements in paragraphs (d)(1) through (3) of this section, the ongoing procedures in paragraphs (d)(4) through (6) of this section, and the requirements in Sec. 63.9025, as applicable. You must submit the plan with your Notification of Compliance Status. Upon request of the Administrator, you must promptly correct any deficiencies in a site-specific monitoring plan and submit the revised plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 467: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9020(b), Subpart NNNNN

Item 467.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 467.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you are complying with a percent reduction emission limitation, you must determine the percent reduction in accordance with paragraphs (b)(1) and (2) of this section, including:
(1)Calculate the mass rate of either HCl or chlorine using Equations 1 and 2 of this section:

$E_i = K_2(C_iM_i)Q_i$ Equation 1

$E_0 = K_2(C_0M_0)Q_0$ Equation 2

where:

Ci, Co = Concentration of HCl or Cl2 in the gas stream at the inlet and outlet of the control device(s), respectively, dry basis, parts per million by volume.

Ei, Eo = Mass rate of HCl or Cl2 at the inlet and outlet of the control device(s), respectively, dry basis, kilogram per hour.

Mi, Mo = Molecular weight of HCl or Cl2 at the inlet and outlet of the control device(s), respectively, gram/gram-mole.

Qi, Qo = Flow rate of gas stream at the inlet and outlet of the control device(s), respectively, dry standard cubic meter per minute.

K2 = Constant, 2.494 x 10-6 (parts per million)\- 1\ (gram-mole per standard cubic meter) (kilogram/gram) (minute/hour), where standard temperature (gram-mole per standard cubic meter) is 20[deg]C.

(2)Calculate the percent reduction of HCl or Cl2 using Equation 3 of this section:

R = Ei - E0 / Ei (100) Equation 3

where:

R = Control efficiency of control device(s).

Ei = Mass rate of HCl or Cl2 to the inlet to the control device(s), kilograms per hour.

Eo = Mass rate of HCl or Cl2 at the outlet of the control device(s), kilograms per hour.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 468: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9020(e), Subpart NNNNN

Item 468.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 468.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must establish all operating limits with which you will demonstrate continuous compliance with the applicable emission limits in Table 1 to this subpart as described in paragraphs (e)(1) through (3) of this section. If you use a caustic scrubber control device or water scrubber control device and you conduct a performance test, you must establish operating limits according to paragraphs (e)(1)(i) and (ii) of this section. If a series of control devices are used, you must establish separate operating limits for each device. You must establish the minimum value as the operating limit for scrubber inlet liquid or recirculating liquid flow rate, as appropriate. The minimum value shall be based on the scrubber inlet liquid or recirculating liquid flow rate, as appropriate, values measured during the performance test. You must establish the minimum and maximum values as the operating limits for scrubber effluent pH. The minimum and maximum values shall be based on the scrubber effluent pH values measured during the performance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 469: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9025(a), Subpart NNNNN

Item 469.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 469.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:
For each operating parameter that you are required by Sec. 63.9020(e) to monitor, you must (1) operate your CMS and collect data at all times the process is operating; and (2) collect data from at least four equally spaced periods each hour; and (3) for at least 75 percent of the operating hours in a 24-hour period, you must have valid data for at least 4 equally spaced periods each hour; and (4) for each hour that you have valid data from at least four equally spaced periods, you must calculate the hourly average value using all valid data or, where data are collected from an automated CMS, using at least one measured value per minute if measured more frequently than once per minute; and (5) you must calculate the daily average using all of the hourly averages calculated according to paragraph (a)(4) of this section for the 24-hour period; and (6) you must record the results for each inspection, calibration, and validation check as specified in your site-specific monitoring plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 470: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9025(b), Subpart NNNNN

Item 470.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 470.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For scrubber control devices, you may request approval to monitor parameters other than those specified in Sec. 63.9020(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 471: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9030(a), Subpart NNNNN

Item 471.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 471.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each HCl process vent for which you are conducting a performance test, for the emission limit or work practice standard in Table 1 to this Subpart, you have demonstrated initial compliance if the average percent reduction of HCl and Cl2 measured over the period of the performance test is greater than or equal to 99% or the concentration is less than or equal to 20 ppm for HCl and 100 ppm for Cl2.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 472: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9030(a), Subpart NNNNN

Item 472.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 472.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each HCl leaking equipment for which you are conducting a performance test, for the emission limit or work practice standard in Table 1 to this Subpart, you have demonstrated initial compliance if you certify in your Notification of Compliance Status that you have developed and implemented your LDAR plan and submitted it to the Administrator for comment only.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 473: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9030(b), Subpart NNNNN

Item 473.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 473.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must establish each site-specific operating limit in Table 2 to this subpart that applies to you (caustic scrubber liquid flow and effluent pH) according to the requirements in Sec. 63.9020 and Table 3 to this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 474: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9035(b), Subpart NNNNN

Item 474.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 474.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you use a caustic scrubber or a water scrubber/absorber to meet the emission limits in Table 1 to this subpart, you must keep (1) records of daily average scrubber inlet liquid or recirculating liquid flow rate, as appropriate; and (2) records of the daily average scrubber effluent pH.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 475: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9035(d), Subpart NNNNN

Item 475.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 475.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except for monitor malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), you must monitor continuously (or collect data at all required intervals) at all times that the affected source is operating. This includes periods of startup, shutdown, or malfunction when the affected source is operating. A monitoring malfunction includes, but is not limited to, any sudden, infrequent, not reasonably preventable failure of the monitoring equipment to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless

operation are not malfunctions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 476: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9035(e), Subpart NNNNN

Item 476.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 476.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels, nor may such data be used in fulfilling a minimum data availability requirement, if applicable. You must use all the data collected during all other periods in assessing the operation of the control device and associated control system.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 477: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9040(c), Subpart NNNNN

Item 477.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 477.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must report each instance in which you did not meet an emission limit, work practice standard or operating limit in Table 1 or 2 to this subpart, respectively, that applies to you, including periods of startup, shutdown, and malfunction. These instances are deviations from the emission limitations in this subpart. These deviations must be reported according to the requirements in Sec. 63.9050.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 478: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9045(f), Subpart NNNNN

Item 478.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 478.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must submit the Notification of Compliance Status, including the performance test results, within 240 calendar days after the applicable compliance dates specified in Sec. 63.8995.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 479: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9045(g), Subpart NNNNN

Item 479.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 479.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Notification of Compliance Status must also include (1) each operating parameter value averaged over the full period of the performance test (for example, average pH); and (2) each operating parameter range within which HAP emissions are reduced to the level corresponding to meeting the applicable emission limits in Table 1 to this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 480: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(a), Subpart NNNNN

Item 480.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 480.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Notification of Compliance Status must also include (1) each operating parameter value averaged over the full

period of the performance test (for example, average pH); and (2) each operating parameter range within which HAP emissions are reduced to the level corresponding to meeting the applicable emission limits in Table 1 to this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 481: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(b), Subpart NNNNN

Item 481.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 481.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Unless the Administrator has approved a different schedule for submission of reports under Sec. 63.10(a), you must
1 Submit the first compliance report covering the period beginning on the compliance date that is specified for your affected source in Sec. 63.8995 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for your source in Sec. 63.8995 (June 30, 2006).
2 Postmark or deliver the first compliance report no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for your affected source in Sec. 63.8995. Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
3 Postmark of deliver each subsequent compliance report no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

4 For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6 (a)(3)(iii)(A) or 71.6 (a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 482: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(c), Subpart NNNNN

Item 482.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 482.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The compliance report must contain the following information in paragraphs (c)(1) through (10) of this section including:
1 Company name and address.
2 Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
3 Date of report and beginning and ending dates of the reporting period.
4 If you had a startup, shutdown, or malfunction during the reporting period and you took actions consistent with your startup, shutdown, and malfunction plan, the compliance report must include the information in Sec. 63.10(d)(5)(i).
5 If there are no deviations from any emission limitations that apply to you, a statement that there were no deviations from the emission limitations during the

reporting period.
6 if there were no periods during which the CMS was out-of- control in accordance with the monitoring plan, a statement that there were no periods during which the CMS was out-of-control during the reporting period.
7 Verification that you continue to use the equipment LDAR plan and information that explains any periods when the procedures in the plan were not followed and the corrective actions were not taken.
8 If you did not make revisions to your site-specific monitoring plan and/or LDAR plant during the reporting period, a statement that you did not make any revisions to your site-specific monitoring plan and/or LDAR plan during the reporting period. If you made revisions to your site-specific monitoring plan and/or LDAR plan during the reporting period, a copy of the revised plan.
9 If you meet the outlet concentration limit in table 1 to this subpart without the use of a control device for any emission point, verification that you have not made any process changes that could reasonably be expected to change the outlet concentration since your most recent performance test for that emission point.
10 The information specified in paragraphs (c)(10)(i) and (ii) of this section for those planned routine maintenance operations that caused or may cause an HCl storage tank control device not to meet the emission limits in table 1 to this subpart, as applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 483: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(d), Subpart NNNNN

Item 483.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 483.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each deviation from an emission limitation occurring at an affected source where you are using a CMS to comply with the emission limitation in this subpart, you must include the information in paragraphs (c)(1) through (6) of this section and the following information in paragraphs (d)(1) through (9) of this section. This includes periods of startup, shutdown, and malfunction.
1 The date and time that each malfunction started and stopped.
2 The date and time that each CMS was inoperative, except for zero (low-level) and high-level checks.
3 The date, time, and duration that each CMS was out-of-control, including the information in Sec. 63.8(c)(8).
4 The date and time that each deviation started and stopped, and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.
5 A summary of the total duration of the deviation during the reporting period and the total duration as a percent of the total source operating time during that reporting period.
6 A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.
7 A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total source operating time during that reporting period.
8 A brief description of the process units.
9 A description of any changes in CMS, processes, or controls since the last reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 484: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(e), Subpart NNNNN

Item 484.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 484.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A). If an affected source submits a compliance report pursuant to Table 6 to this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A), and the compliance report includes all required information concerning deviations from any emission limitation in this subpart, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 485: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9050(f), Subpart NNNNN

Item 485.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 485.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each startup, shutdown, or malfunction during the reporting period that is not consistent with your startup, shutdown, and malfunction plan you must submit an immediate startup, shutdown and malfunction report. Unless

the Administrator has approved a different schedule for submission of reports under Sec. 63.10(a), you must submit an initial report containing a description of the actions taken for the event by fax or telephone within 2 working days after starting actions inconsistent with the plan and submit a follow-up report containing the information listed in Sec. 63.10(d)(5)(ii) within 7 working days after the end of the event unless you have made alternative reporting arrangements with the permitting authority.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 486: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9055, Subpart NNNNN

Item 486.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 486.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must keep a copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, as required in Sec. 63.10(b)(2)(xiv). You must also keep the following records specified in paragraphs (b)(1) through (5) of this section:
1 The records in Sec. 63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction.
2 Records of performance tests as required in Sec. 63.10(b)(2)(viii).
3 Records of operating parameter values that are consistent with your monitoring plan.
4 Records of the date and time that each deviation started and stopped and whether the deviation occurred during a period of startup, shutdown, or malfunction or during another period.
5 Copies of the current versions of the site-specific

monitoring plan and the equipment LDAR plan. You also must submit copies of these plans and any revisions or updates to the Administrator for comment only (not for approval).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 487: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.9060, Subpart NNNNN

Item 487.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-62014
Process: 407

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 487.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Records must be in a form suitable and readily available for expeditious inspection and review, according to Sec. 63.10(b)(1). As specified in Sec. 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. You must keep each record on site, or readily accessible from on site through a computer or other means, for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to Sec. 63.10(b)(1). You can keep the records off site for the remaining 3 years. Records may be maintained in hard copy or computer-readable format including, but not limited to, on paper, microfilm, hard disk drive, floppy disk, compact disk, magnetic tape, or microfiche. You must keep each previous (i.e., superseded) version of the site-specific monitoring plan and the LDAR plan for a period of 5 years after revision of the plan. If, at any time after adoption of a site-specific monitoring plan or an LDAR plan, your affected source ceases operation or is otherwise no longer subject to the provisions of this subpart, you must retain a copy of the most recent plan for 5 years from the date your source ceases operation or is no longer subject to

this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-29: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6625(e), Subpart ZZZZ

Item 1-29.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L18

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you own or operate an existing emergency stationary RICE with a rating of less than or equal to 500 HP located at a major source of HAP emissions you must operate and maintain the stationary RICE according to the manufacturer's emission related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-30: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6625(f), Subpart ZZZZ

Item 1-30.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L18

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you own or operate an existing emergency stationary RICE with a rating of less than or equal to 500 HP located at a Major source of HAP emissions you must install a non-resettable hour meter if one is not already installed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-31: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.6640(f), Subpart ZZZZ

Item 1-31.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: E-LISTS
Process: L18

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 1-31.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Unlimited use for emergencies, 100 hr/yr for maintenance/testing. 50 hr/yr of the 100hr/yr can be used for non-emergency situations (i.e., fire training) if there is no financial arrangement (i.e., no emergency demand response program).

note - Under 6 NYCRR 200.1(cq); Emergency power generating stationary internal combustion engine. A stationary internal combustion engine that operates as a mechanical or electrical power source only when the usual supply of power is unavailable, and operates for no more than 500 hours per year. The 500 hours of annual operation for the engine include operation during emergency situations, routing maintenance, and routing exercising (for example,

test firing the engine for one hour a week to ensure reliability). A stationary internal combustion engine used for peak shaving is not an emergency power generating stationary internal combustion engine. Non emergency power generating stationary internal combustion engines are subject to requirements under 6 NYCRR 227-2.4(f)(6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-32: Compliance Certification
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40 CFR Part 98

Item 1-32.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-28002
Process: 408 Emission Source: BLR13

Emission Unit: U-28002
Process: 409 Emission Source: BLR13

Emission Unit: U-28002
Process: 410 Emission Source: BLR18

Emission Unit: U-28003
Process: 412 Emission Source: BLR15

Emission Unit: U-28003
Process: 413 Emission Source: BLR15

Emission Unit: U-28003
Process: 414 Emission Source: BLR14

Emission Unit: U-28003
Process: 415 Emission Source: BLR14

Emission Unit: U-28003
Process: 416 Emission Source: BLR17

Emission Unit: U-28003
Process: 417 Emission Source: BLR16

Regulated Contaminant(s):
CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 1-32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility is subject to 40 CFR 98 Subpart (C) (combustion sources) and Subpart TT(landfill). Annual GHG reports must be submitted to EPA electronically through the e-GGRT system. Reports are due by March 31 of each calendar year as outlined in 40 CFR 98.3.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 90 days after the reporting period.
The initial report is due 3/31/2015.
Subsequent reports are due every 12 calendar month(s).

****** Emission Unit Level ******

Condition 488: Emission Point Definition By Emission Unit
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 488.1(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27018

Emission Point: 14006
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.053 NYTME (km.): 608.735 Building: 14

Emission Point: 21011
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4741.244 NYTME (km.): 608.938 Building: 21

Emission Point: 23002
Height (ft.): 18 Diameter (in.): 37
NYTMN (km.): 4741.188 NYTME (km.): 609.039 Building: 23

Emission Point: 23005
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.188 NYTME (km.): 609.039 Building: 23

Emission Point: 24113
Height (ft.): 8 Diameter (in.): 8
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24120
Height (ft.): 137 Diameter (in.): 10

NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24A

Emission Point: 24121
Height (ft.): 137 Diameter (in.): 10
NYTMN (km.): 4741.233 NYTME (km.): 609.02 Building: 23

Emission Point: 24132
Height (ft.): 21 Diameter (in.): 8
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24133
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24134
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24135
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24141
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4741.238 NYTME (km.): 609.07 Building: 24A

Emission Point: 24142
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24143
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24144
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24205
Height (ft.): 42 Diameter (in.): 1
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24208
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24417
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24423
Height (ft.): 40 Diameter (in.): 3

NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24703
Height (ft.): 13 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.198 NYTME (km.): 609.02 Building: 24

Emission Point: 24801
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.15 NYTME (km.): 609.02 Building: 24

Emission Point: 24907
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24908
Height (ft.): 35 Diameter (in.): 3
NYTMN (km.): 4741.151 NYTME (km.): 609.031 Building: 24

Emission Point: 24925
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24927
Height (ft.): 36 Diameter (in.): 1
NYTMN (km.): 4741.151 NYTME (km.): 609.03 Building: 24

Emission Point: 24933
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.156 NYTME (km.): 609.026 Building: 24

Emission Point: 24936
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.145 NYTME (km.): 609.023 Building: 24

Emission Point: 24937
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 24

Emission Point: 24938
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24939
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24949
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.192 NYTME (km.): 609.055 Building: 24A

Emission Point: 24950
Height (ft.): 134 Diameter (in.): 2

NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24951
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.179 NYTME (km.): 609.02 Building: 24

Emission Point: 24952
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24953
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.233 NYTME (km.): 609.015 Building: 24A

Emission Point: 24954
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24962
Height (ft.): 48 Diameter (in.): 4
NYTMN (km.): 4741.165 NYTME (km.): 609.014 Building: 24

Emission Point: 24978
Height (ft.): 94 Diameter (in.): 2
NYTMN (km.): 4741.169 NYTME (km.): 609.072 Building: 24A

Emission Point: 27022
Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4741.219 NYTME (km.): 608.81 Building: 27

Emission Point: 27023
Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4741.219 NYTME (km.): 608.81 Building: 27

Emission Point: 27024
Height (ft.): 30 Diameter (in.): 8
NYTMN (km.): 4741.219 NYTME (km.): 608.81 Building: 27

Emission Point: 30804
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30806
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30807
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30902
Height (ft.): 43 Diameter (in.): 3

NYTMN (km.): 4741.347 NYTME (km.): 608.939 Building: 30

Emission Point: 30907
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 30914
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30916
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30917
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30918
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.349 NYTME (km.): 608.939 Building: 30

Emission Point: 31019
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31022
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31030
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31031
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31032
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31034
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31035
Height (ft.): 56 Diameter (in.): 1
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 31036
Height (ft.): 46 Diameter (in.): 2

NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31037
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30E

Emission Point: 31040
Height (ft.): 45 Diameter (in.): 20
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31041
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 31046
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 31047
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.353 NYTME (km.): 608.995 Building: 30

Emission Point: 32035
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.344 NYTME (km.): 609.026 Building: 30

Emission Point: 32038
Height (ft.): 9 Diameter (in.): 6
NYTMN (km.): 4741.344 NYTME (km.): 609.025 Building: 30

Emission Point: 34001
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.287 NYTME (km.): 608.747 Building: 34

Emission Point: 34002
Height (ft.): 90 Diameter (in.): 2
NYTMN (km.): 4741.272 NYTME (km.): 608.749 Building: 34

Emission Point: 34007
Height (ft.): 0 Diameter (in.): 2
NYTMN (km.): 4741.28 NYTME (km.): 608.731 Building: 34

Emission Point: 34012
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.321 NYTME (km.): 608.733 Building: 34

Emission Point: 35006
Height (ft.): 66 Diameter (in.): 3
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35007
Height (ft.): 10 Diameter (in.): 2

NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35009
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35010
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35011
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35012
Height (ft.): 40 Diameter (in.): 6
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35016
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.835 Building: 35

Emission Point: 35017
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35018
Height (ft.): 27 Diameter (in.): 3
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35031
Height (ft.): 0 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35032
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35033
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35034
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35035
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35036
Height (ft.): 15 Diameter (in.): 1

NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35037
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35039
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35040
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35043
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35044
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35046
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 35901
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Emission Point: 36001
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.781 Building: 36

Emission Point: 36003
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.78 Building: 36

Emission Point: 36004
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.284 NYTME (km.): 608.78 Building: 36

Emission Point: 37002
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37004
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37007
Height (ft.): 56 Diameter (in.): 2

NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37009
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37011
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37013
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37014
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37017
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37018
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37019
Height (ft.): 51 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37020
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37021
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37022
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37023
Height (ft.): 7 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37026
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37027
Height (ft.): 2 Diameter (in.): 1

NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37033
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838

Emission Point: 37034
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37036
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37038
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37039
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37040
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37041
Height (ft.): 45 Diameter (in.): 4
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37042
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37043
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37044
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37045
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37060
Height (ft.): 0 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37062
Height (ft.): 30 Diameter (in.): 1

NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37063
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37066
Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37067
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37068
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37069
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37070
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37071
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.331 NYTME (km.): 608.821 Building: 37

Emission Point: 37072
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.828 Building: 37

Emission Point: 37077
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37078
Height (ft.): 41 Diameter (in.): 3
NYTMN (km.): 4741.374 NYTME (km.): 608.812 Building: 37

Emission Point: 37079
Height (ft.): 42 Diameter (in.): 4
NYTMN (km.): 4741.379 NYTME (km.): 608.821 Building: 37

Emission Point: 37080
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.383 NYTME (km.): 608.832 Building: 37

Emission Point: 37081
Height (ft.): 44 Diameter (in.): 3

NYTMN (km.): 4741.374 NYTME (km.): 608.812 Building: 37

Emission Point: 37085
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.84 Building: 37

Emission Point: 37702
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.34 NYTME (km.): 608.826 Building: 37

Emission Point: 37704
Height (ft.): 42 Diameter (in.): 21
NYTMN (km.): 4741.365 NYTME (km.): 608.836 Building: 37

Emission Point: 37705
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37707
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37708
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37801
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37803
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37804
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37805
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37806
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.359 NYTME (km.): 608.834 Building: 37

Emission Point: 37812
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37813
Height (ft.): 34 Diameter (in.): 1

NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37814
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37815
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.357 NYTME (km.): 608.834 Building: 37

Emission Point: 37816
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.349 NYTME (km.): 608.843 Building: 37

Emission Point: 37817
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.354 NYTME (km.): 608.842 Building: 37

Emission Point: 37818
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37819
Height (ft.): 33 Diameter (in.): 6
NYTMN (km.): 4741.36 NYTME (km.): 608.834 Building: 37

Emission Point: 37827
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.36 NYTME (km.): 608.834 Building: 37

Emission Point: 37901
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37902
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37903
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.839 Building: 37

Emission Point: 37905
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.367 NYTME (km.): 608.839 Building: 37

Emission Point: 37907
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.318 NYTME (km.): 608.797 Building: 37

Emission Point: 37909
Height (ft.): 25 Diameter (in.): 1

NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37910
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37911
Height (ft.): 54 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37917
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.367 NYTME (km.): 608.791 Building: 37

Emission Point: 37918
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.37 NYTME (km.): 608.789 Building: 37

Emission Point: 37920
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.376 NYTME (km.): 608.788 Building: 37

Emission Point: 37921
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37922
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37923
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37925
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37926
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37929
Height (ft.): 18 Diameter (in.): 1
NYTMN (km.): 4741.335 NYTME (km.): 608.83 Building: 37

Emission Point: 37932
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.836 Building: 37

Emission Point: 37934
Height (ft.): 43 Diameter (in.): 11

NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37941
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.738 NYTME (km.): 608.783 Building: 37

Emission Point: 37942
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.375 NYTME (km.): 608.797 Building: 37

Emission Point: 37943
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.373 NYTME (km.): 608.798 Building: 37

Emission Point: 37944
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.373 NYTME (km.): 608.797 Building: 37

Emission Point: 37945
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.361 NYTME (km.): 608.786 Building: 37

Emission Point: 37946
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.356 NYTME (km.): 608.838 Building: 37

Emission Point: 37947
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.355 NYTME (km.): 608.838 Building: 37

Emission Point: 37951
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.351 NYTME (km.): 608.844 Building: 37

Emission Point: 37952
Height (ft.): 64 Diameter (in.): 2
NYTMN (km.): 4741.356 NYTME (km.): 608.837 Building: 37

Emission Point: 37956
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.841 Building: 37

Emission Point: 37957
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.36 NYTME (km.): 608.822 Building: 37

Emission Point: 37958
Height (ft.): 44 Diameter (in.): 1
NYTMN (km.): 4741.323 NYTME (km.): 608.797 Building: 37

Emission Point: 37960
Height (ft.): 43 Diameter (in.): 21

NYTMN (km.): 4741.354 NYTME (km.): 608.842 Building: 37

Emission Point: 37961
Height (ft.): 28 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.775 Building: 37

Emission Point: 37962
Height (ft.): 28 Diameter (in.): 2
NYTMN (km.): 4741.322 NYTME (km.): 608.77 Building: 37

Emission Point: 38006
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 609.019 Building: 38

Emission Point: 38007
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 609.019 Building: 38

Emission Point: 38018
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.28 NYTME (km.): 609.018 Building: 38

Emission Point: 48001
Height (ft.): 38 Diameter (in.): 3
NYTMN (km.): 4741.511 NYTME (km.): 608.844 Building: 48

Emission Point: 62005
Height (ft.): 33 Diameter (in.): 12
NYTMN (km.): 4741.174 NYTME (km.): 608.561 Building: 62

Emission Point: 62007
Height (ft.): 140 Diameter (in.): 24
NYTMN (km.): 4741.174 NYTME (km.): 608.562 Building: 62

Emission Point: 62011
Height (ft.): 33 Diameter (in.): 12
NYTMN (km.): 4741.174 NYTME (km.): 608.561 Building: 62

Emission Point: 62017
Height (ft.): 67 Diameter (in.): 4
NYTMN (km.): 4741.17 NYTME (km.): 608.595 Building: 62

Emission Point: 64001
Height (ft.): 35 Diameter (in.): 2
NYTMN (km.): 4741.206 NYTME (km.): 608.525 Building: 64

Emission Point: 64006
Height (ft.): 35 Diameter (in.): 2
NYTMN (km.): 4741.245 NYTME (km.): 608.595 Building: 64

Emission Point: 64007
Height (ft.): 35 Diameter (in.): 2

NYTMN (km.): 4741.253 NYTME (km.): 608.602 Building: 64

Emission Point: 67003
Height (ft.): 93 Diameter (in.): 5
NYTMN (km.): 4741.097 NYTME (km.): 608.466 Building: 67

Emission Point: 67004
Height (ft.): 90 Diameter (in.): 5
NYTMN (km.): 4741.072 NYTME (km.): 608.491 Building: 67

Emission Point: 67006
Height (ft.): 31 Diameter (in.): 4
NYTMN (km.): 4741.072 NYTME (km.): 608.491 Building: 67

Emission Point: 70001
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.434 NYTME (km.): 608.647 Building: 70

Emission Point: 70003
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.434 NYTME (km.): 608.647 Building: 70

Emission Point: 70006
Height (ft.): 27 Diameter (in.): 8
NYTMN (km.): 4741.373 NYTME (km.): 608.532 Building: 76

Emission Point: 71001
Height (ft.): 55 Diameter (in.): 20
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71003
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71005
Height (ft.): 45 Diameter (in.): 18
NYTMN (km.): 4741.427 NYTME (km.): 608.655 Building: 71

Emission Point: 71013
Height (ft.): 30 Diameter (in.): 5
NYTMN (km.): 4741.267 NYTME (km.): 608.675 Building: 71

Emission Point: 76001
Height (ft.): 115 Diameter (in.): 12
NYTMN (km.): 4741.307 NYTME (km.): 608.467 Building: 76

Emission Point: 76005
Height (ft.): 0 Diameter (in.): 6
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 76009
Height (ft.): 24 Diameter (in.): 2

NYTMN (km.): 4741.268 NYTME (km.): 608.462 Building: 76

Emission Point: 76012
Height (ft.): 33 Diameter (in.): 2
NYTMN (km.): 4741.282 NYTME (km.): 608.429 Building: 76

Emission Point: 76013
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.304 NYTME (km.): 608.438 Building: 76

Emission Point: 76014
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.306 NYTME (km.): 608.431 Building: 76

Emission Point: 76701
Height (ft.): 81 Diameter (in.): 18
NYTMN (km.): 4741.307 NYTME (km.): 608.465 Building: 76

Emission Point: 76710
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76711
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 76712
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.307 NYTME (km.): 608.466 Building: 76

Emission Point: 76713
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76714
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76715
Height (ft.): 8 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 608.483 Building: 76

Emission Point: 76716
Height (ft.): 8 Diameter (in.): 1
NYTMN (km.): 4741.281 NYTME (km.): 608.481 Building: 76

Emission Point: 76717
Height (ft.): 40 Diameter (in.): 4
NYTMN (km.): 4741.27 NYTME (km.): 608.446 Building: 76

Emission Point: 76718
Height (ft.): 25 Diameter (in.): 2

NYTMN (km.): 4741.308 NYTME (km.): 608.466 Building: 76

Emission Point: 76719
Height (ft.): 22 Diameter (in.): 24
NYTMN (km.): 4741.314 NYTME (km.): 608.473 Building: 76

Emission Point: 78001
Height (ft.): 133 Diameter (in.): 3
NYTMN (km.): 4741.404 NYTME (km.): 608.466 Building: 78

Emission Point: 78002
Height (ft.): 133 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78004
Height (ft.): 132 Diameter (in.): 16
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78005
Height (ft.): 132 Diameter (in.): 8
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78006
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78007
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78009
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.404 NYTME (km.): 608.465 Building: 78

Emission Point: 78011
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.404 NYTME (km.): 608.465 Building: 78

Emission Point: 78015
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78016
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78017
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.406 NYTME (km.): 608.465 Building: 78

Emission Point: 78018
Height (ft.): 58 Diameter (in.): 2

NYTMN (km.): 4741.406 NYTME (km.): 608.466 Building: 78

Emission Point: 78019
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.405 NYTME (km.): 608.465 Building: 78

Emission Point: 78025
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.406 NYTME (km.): 608.465 Building: 78

Emission Point: 78031
Height (ft.): 76 Diameter (in.): 18
NYTMN (km.): 4741.405 NYTME (km.): 608.483 Building: 78

Emission Point: 78032
Height (ft.): 57 Diameter (in.): 6
NYTMN (km.): 4741.422 NYTME (km.): 608.47 Building: 78

Emission Point: 97001
Height (ft.): 100 Diameter (in.): 30
NYTMN (km.): 4741.085 NYTME (km.): 609.275 Building: 97

Emission Point: 97002
Height (ft.): 100 Diameter (in.): 36
NYTMN (km.): 4741.069 NYTME (km.): 609.281 Building: 97

Emission Point: 97003
Height (ft.): 100 Diameter (in.): 42
NYTMN (km.): 4741.075 NYTME (km.): 609.301 Building: 97

Item 488.2(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: F-INISH

Emission Point: 21101
Height (ft.): 10 Diameter (in.): 9
NYTMN (km.): 4741.247 NYTME (km.): 608.934 Building: 21

Emission Point: 23100
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.187 NYTME (km.): 609.036 Building: 23

Emission Point: 23101
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.255 NYTME (km.): 609.007 Building: 23

Emission Point: 24136
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24137

Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24138
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24139
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24140
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.037 Building: 23

Emission Point: 24207
Height (ft.): 118 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24209
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.18 NYTME (km.): 609.04 Building: 24

Emission Point: 24210
Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.172 NYTME (km.): 609.044 Building: 24

Emission Point: 24211
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.18 NYTME (km.): 609.042 Building: 24

Emission Point: 24302
Height (ft.): 136 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24305
Height (ft.): 106 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24308
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24309
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24311
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24312

Height (ft.): 134 Diameter (in.): 1
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24402
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.165 NYTME (km.): 609.014 Building: 24

Emission Point: 24404
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24405
Height (ft.): 43 Diameter (in.): 1
NYTMN (km.): 4741.167 NYTME (km.): 609.015 Building: 24

Emission Point: 24409
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24413
Height (ft.): 30 Diameter (in.): 19
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24414
Height (ft.): 65 Diameter (in.): 19
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24702
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24704
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.173 NYTME (km.): 609.036 Building: 24

Emission Point: 24806
Height (ft.): 32 Diameter (in.): 2
NYTMN (km.): 4741.239 NYTME (km.): 609.004 Building: 23

Emission Point: 24942
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.145 NYTME (km.): 609.023 Building: 24

Emission Point: 24943
Height (ft.): 19 Diameter (in.): 1
NYTMN (km.): 4741.142 NYTME (km.): 609.021 Building: 24

Emission Point: 24944
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.174 NYTME (km.): 609.036 Building: 24

Emission Point: 24945

Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.174 NYTME (km.): 609.036 Building: 24

Emission Point: 24955
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.179 NYTME (km.): 609.02 Building: 24

Emission Point: 24956
Height (ft.): 93 Diameter (in.): 2
NYTMN (km.): 4741.179 NYTME (km.): 609.02 Building: 24

Emission Point: 24972
Height (ft.): 19 Diameter (in.): 2
NYTMN (km.): 4741.142 NYTME (km.): 609.023 Building: 24

Emission Point: 27010
Height (ft.): 1 Diameter (in.): 4
NYTMN (km.): 4741.167 NYTME (km.): 608.813 Building: 27

Emission Point: 27102
Height (ft.): 7 Diameter (in.): 11
NYTMN (km.): 4741.221 NYTME (km.): 608.811 Building: 27

Emission Point: 28009
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4741.149 NYTME (km.): 608.914 Building: 28

Emission Point: 29102
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4741.141 NYTME (km.): 608.764 Building: 29

Emission Point: 30001
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4741.349 NYTME (km.): 608.946 Building: 30

Emission Point: 30002
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4741.349 NYTME (km.): 608.946 Building: 30

Emission Point: 30910
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30911
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 30933
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.94 Building: 30

Emission Point: 30935

Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.348 NYTME (km.): 608.939 Building: 30

Emission Point: 31003
Height (ft.): 26 Diameter (in.): 23
NYTMN (km.): 4741.336 NYTME (km.): 609.031 Building: 30

Emission Point: 32006
Height (ft.): 31 Diameter (in.): 23
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32007
Height (ft.): 28 Diameter (in.): 27
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32008
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32009
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32016
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32017
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32026
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32027
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32028
Height (ft.): 42 Diameter (in.): 4
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32033
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.264 NYTME (km.): 608.906 Building: 30

Emission Point: 32036
Height (ft.): 3 Diameter (in.): 1
NYTMN (km.): 4741.345 NYTME (km.): 609.026 Building: 30

Emission Point: 32040

Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 32042
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32044
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32046
Height (ft.): 22 Diameter (in.): 24
NYTMN (km.): 4741.289 NYTME (km.): 608.879 Building: 30

Emission Point: 32049
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.337 NYTME (km.): 608.864 Building: 30

Emission Point: 32050
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.336 NYTME (km.): 608.864 Building: 30

Emission Point: 33002
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33003
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33004
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33016
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.393 NYTME (km.): 608.906 Building: 30

Emission Point: 33017
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33024
Height (ft.): 23 Diameter (in.): 3
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33025
Height (ft.): 38 Diameter (in.): 2
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 33

Emission Point: 33902

Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33903
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33904
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33906
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.325 NYTME (km.): 608.865 Building: 30

Emission Point: 33908
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.906 Building: 30

Emission Point: 33909
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.312 NYTME (km.): 608.906 Building: 30

Emission Point: 37001
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37003
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.828 Building: 37

Emission Point: 37005
Height (ft.): 47 Diameter (in.): 8
NYTMN (km.): 4741.322 NYTME (km.): 608.842 Building: 37

Emission Point: 37016
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37032
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37047
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37048
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.319 NYTME (km.): 608.826 Building: 37

Emission Point: 37049

Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37050
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37074
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.32 NYTME (km.): 608.818 Building: 37

Emission Point: 37701
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37919
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37924
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 37935
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.376 NYTME (km.): 608.767 Building: 37

Emission Point: 37936
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.378 NYTME (km.): 608.765 Building: 37

Emission Point: 37937
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.375 NYTME (km.): 608.766 Building: 37

Emission Point: 37938
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.375 NYTME (km.): 608.767 Building: 37

Emission Point: 37939
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.367 NYTME (km.): 608.77 Building: 37

Emission Point: 37940
Height (ft.): 16 Diameter (in.): 2
NYTMN (km.): 4741.332 NYTME (km.): 608.783 Building: 37

Emission Point: 37948
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.362 NYTME (km.): 608.835 Building: 37

Emission Point: 41001

Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.521 NYTME (km.): 608.842 Building: 41

Emission Point: 41002
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.521 NYTME (km.): 608.842 Building: 41

Emission Point: 41003
Height (ft.): 30 Diameter (in.): 8
NYTMN (km.): 4741.521 NYTME (km.): 608.842 Building: 41

Emission Point: 41004
Height (ft.): 16 Length (in.): 51 Width (in.): 65
NYTMN (km.): 4741.429 NYTME (km.): 608.774 Building: 41

Emission Point: 41005
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.429 NYTME (km.): 608.774 Building: 41

Emission Point: 42001
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42002
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42003
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.466 NYTME (km.): 608.89 Building: 42

Emission Point: 42004
Height (ft.): 31 Diameter (in.): 14
NYTMN (km.): 4741.49 NYTME (km.): 608.877 Building: 42

Emission Point: 42012
Height (ft.): 30 Diameter (in.): 40
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42A

Emission Point: 42013
Height (ft.): 4 Diameter (in.): 3
NYTMN (km.): 4741.467 NYTME (km.): 608.889

Emission Point: 42014
Height (ft.): 38 Diameter (in.): 4
NYTMN (km.): 4741.486 NYTME (km.): 608.905 Building: 42

Emission Point: 42017
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42018

Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42019
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42020
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 42021
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.467 NYTME (km.): 608.89 Building: 42

Emission Point: 61602
Height (ft.): 20 Diameter (in.): 8
NYTMN (km.): 4741.112 NYTME (km.): 608.51 Building: 61

Emission Point: 61603
Height (ft.): 35 Diameter (in.): 6
NYTMN (km.): 4741.112 NYTME (km.): 608.51 Building: 61

Emission Point: 71010
Height (ft.): 12 Diameter (in.): 12
NYTMN (km.): 4741.282 NYTME (km.): 608.651 Building: 71

Emission Point: 76006
Height (ft.): 76 Diameter (in.): 6
NYTMN (km.): 4741.303 NYTME (km.): 608.471 Building: 76

Emission Point: 76007
Height (ft.): 76 Diameter (in.): 1
NYTMN (km.): 4741.303 NYTME (km.): 608.471 Building: 76

Emission Point: 78008
Height (ft.): 27 Diameter (in.): 1
NYTMN (km.): 4741.437 NYTME (km.): 608.477 Building: 78

Emission Point: 78021
Height (ft.): 11 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.471 Building: 78

Emission Point: 78022
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.471 Building: 78

Emission Point: 78023
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.47 Building: 78

Emission Point: 78024

Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.405 NYTME (km.): 608.47 Building: 78

Emission Point: 78026
Height (ft.): 2 Diameter (in.): 2
NYTMN (km.): 4741.45 NYTME (km.): 608.47 Building: 78

Emission Point: 78033
Height (ft.): 68 Diameter (in.): 2
NYTMN (km.): 4741.407 NYTME (km.): 608.487 Building: 78

Emission Point: 78034
Height (ft.): 41 Diameter (in.): 4
NYTMN (km.): 4741.447 NYTME (km.): 608.458 Building: 78

Emission Point: 78035
Height (ft.): 41 Diameter (in.): 4
NYTMN (km.): 4741.448 NYTME (km.): 608.458 Building: 78

Emission Point: 78036
Height (ft.): 58 Diameter (in.): 10
NYTMN (km.): 4741.423 NYTME (km.): 608.474 Building: 78

Emission Point: 78037
Height (ft.): 32 Length (in.): 6 Width (in.): 12
NYTMN (km.): 4741.395 NYTME (km.): 608.453 Building: 78

Emission Point: 78038
Height (ft.): 61 Diameter (in.): 10
NYTMN (km.): 4741.416 NYTME (km.): 608.475 Building: 78

Emission Point: 78039
Height (ft.): 58 Diameter (in.): 10
NYTMN (km.): 4741.423 NYTME (km.): 608.474 Building: 78

Emission Point: 85001
Height (ft.): 58 Diameter (in.): 6
NYTMN (km.): 4741.695 NYTME (km.): 608.56 Building: 85

Emission Point: 85002
Height (ft.): 105 Diameter (in.): 24
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85003
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4741.694 NYTME (km.): 608.461

Emission Point: 85004
Height (ft.): 107 Diameter (in.): 2
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85005

Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.723 NYTME (km.): 608.631 Building: 85

Emission Point: 85006
Height (ft.): 36 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85008
Height (ft.): 36 Diameter (in.): 3
NYTMN (km.): 4741.694 NYTME (km.): 608.461 Building: 85

Emission Point: 85013
Height (ft.): 105 Diameter (in.): 2
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85017
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4741.752 NYTME (km.): 608.677 Building: 85

Emission Point: 85020
Height (ft.): 16 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85025
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.732 NYTME (km.): 608.648 Building: 85

Emission Point: 85043
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.72 NYTME (km.): 608.647 Building: 85

Emission Point: 85044
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.729 NYTME (km.): 608.656 Building: 85

Emission Point: 85045
Height (ft.): 43 Length (in.): 12 Width (in.): 8
NYTMN (km.): 4741.686 NYTME (km.): 608.573 Building: 85

Emission Point: 85046
Height (ft.): 40 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 85054
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85058
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.695 NYTME (km.): 608.46 Building: 85

Emission Point: 85059

Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4741.695 NYTME (km.): 608.46 Building: 85

Emission Point: 85068
Height (ft.): 40 Length (in.): 6 Width (in.): 7
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 85901
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.725 NYTME (km.): 608.643 Building: 85

Emission Point: 85902
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4741.73 NYTME (km.): 608.652 Building: 85

Emission Point: 85903
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Emission Point: 85906
Height (ft.): 2 Diameter (in.): 4
NYTMN (km.): 4741.692 NYTME (km.): 608.565 Building: 85

Emission Point: 85907
Height (ft.): 47 Diameter (in.): 4
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 85908
Height (ft.): 47 Diameter (in.): 4
NYTMN (km.): 4741.707 NYTME (km.): 608.536 Building: 85

Emission Point: 97023
Height (ft.): 9 Diameter (in.): 12
NYTMN (km.): 4741.059 NYTME (km.): 609.234 Building: 97

Item 488.3(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27018

Emission Point: 30808
Height (ft.): 26 Diameter (in.): 2
NYTMN (km.): 4741.295 NYTME (km.): 608.922 Building: 30

Emission Point: 35028
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.285 NYTME (km.): 608.806 Building: 35

Item 488.4(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27035

Emission Point: 27035
Height (ft.): 21 Diameter (in.): 4
NYTMN (km.): 4741.219 NYTME (km.): 608.807 Building: 27

Emission Point: 27039
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.212 NYTME (km.): 608.847 Building: 27

Emission Point: 27040
Height (ft.): 23 Diameter (in.): 4
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 27

Item 488.5(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-61007

Emission Point: 61007
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.114 NYTME (km.): 608.513 Building: 61

Emission Point: 61008
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.114 NYTME (km.): 608.514 Building: 61

Emission Point: 61009
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.114 NYTME (km.): 608.514 Building: 61

Emission Point: 61010
Height (ft.): 59 Diameter (in.): 12
NYTMN (km.): 4741.114 NYTME (km.): 608.513 Building: 61

Emission Point: 61801
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4741.12 NYTME (km.): 608.359 Building: 61

Emission Point: 61802
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4741.12 NYTME (km.): 608.358 Building: 61

Emission Point: 61803
Height (ft.): 53 Diameter (in.): 4
NYTMN (km.): 4741.12 NYTME (km.): 608.665 Building: 61

Emission Point: 61804
Height (ft.): 53 Diameter (in.): 4
NYTMN (km.): 4741.12 NYTME (km.): 608.665 Building: 618

Emission Point: 61806
Height (ft.): 53 Diameter (in.): 4

NYTMN (km.): 4741.12 NYTME (km.): 608.665 Building: 618

Emission Point: 61807
Height (ft.): 10 Diameter (in.): 4
NYTMN (km.): 4741.129 NYTME (km.): 608.654 Building: 618

Emission Point: 61808
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.129 NYTME (km.): 608.654 Building: 618

Item 488.6(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-62008

Emission Point: 55001
Height (ft.): 31 Diameter (in.): 3
NYTMN (km.): 4741.066 NYTME (km.): 608.558 Building: 55

Emission Point: 55005
Height (ft.): 75 Diameter (in.): 27
NYTMN (km.): 4741.066 NYTME (km.): 608.553 Building: 55

Emission Point: 55006
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.066 NYTME (km.): 608.553 Building: 55

Emission Point: 55007
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.067 NYTME (km.): 608.557 Building: 55

Emission Point: 55008
Height (ft.): 27 Diameter (in.): 4
NYTMN (km.): 4741.057 NYTME (km.): 608.54 Building: 55

Emission Point: 55009
Height (ft.): 100 Diameter (in.): 6
NYTMN (km.): 4741.057 NYTME (km.): 608.54 Building: 55

Emission Point: 65001
Height (ft.): 40 Diameter (in.): 20
NYTMN (km.): 4741.172 NYTME (km.): 608.552 Building: 65

Emission Point: 65002
Height (ft.): 0 Diameter (in.): 2
NYTMN (km.): 4741.203 NYTME (km.): 608.547 Building: 65

Emission Point: 65003
Height (ft.): 33 Length (in.): 2 Width (in.): 11
NYTMN (km.): 4741.203 NYTME (km.): 608.548 Building: 65

Emission Point: 65005

Height (ft.): 33 Diameter (in.): 2
NYTMN (km.): 4741.2 NYTME (km.): 608.55 Building: 65

Emission Point: 65006
Height (ft.): 44 Diameter (in.): 6
NYTMN (km.): 4741.145 NYTME (km.): 608.553 Building: 65

Emission Point: 65008
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4741.16 NYTME (km.): 608.556 Building: 65

Emission Point: 67005
Height (ft.): 25 Diameter (in.): 12
NYTMN (km.): 4741.161 NYTME (km.): 608.514 Building: 67

Item 488.7(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-62014

Emission Point: 68001
Height (ft.): 110 Diameter (in.): 10
NYTMN (km.): 4741.193 NYTME (km.): 608.648 Building: 68

Emission Point: 68002
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.193 NYTME (km.): 608.648 Building: 68

Emission Point: 68003
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4741.193 NYTME (km.): 608.648 Building: 68

Emission Point: 68006
Height (ft.): 115 Diameter (in.): 2
NYTMN (km.): 4741.333 NYTME (km.): 608.222 Building: 68

Emission Point: 68007
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.173 NYTME (km.): 608.651 Building: 68

Emission Point: 68008
Height (ft.): 110 Diameter (in.): 2
Building: 68

Emission Point: 68009
Height (ft.): 103 Diameter (in.): 2
NYTMN (km.): 4741.168 NYTME (km.): 608.658 Building: 68

Emission Point: 68010
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.18 NYTME (km.): 608.667 Building: 68

Emission Point: 68013
Height (ft.): 29 Diameter (in.): 3
NYTMN (km.): 4741.15 NYTME (km.): 608.654 Building: 68

Item 488.8(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: E-GNRTR

Emission Point: 28010
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.211 NYTME (km.): 608.969 Building: 28

Emission Point: 28011
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.211 NYTME (km.): 608.969 Building: 28

Emission Point: 28012
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.211 NYTME (km.): 608.969 Building: 28

Emission Point: 51002
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.43 NYTME (km.): 608.59 Building: 51

Emission Point: 51003
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.053 NYTME (km.): 608.644

Emission Point: 80002
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.695 NYTME (km.): 608.56 Building: 80

Emission Point: 80003
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.695 NYTME (km.): 608.56 Building: 80

Emission Point: 85064
Height (ft.): 46 Diameter (in.): 3
NYTMN (km.): 4741.692 NYTME (km.): 608.565 Building: 85

Emission Point: 86003
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.726 NYTME (km.): 608.497 Building: 86

Emission Point: 86004
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.726 NYTME (km.): 608.497 Building: 86

Emission Point: 97025
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97026
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97032
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97033
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97037
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.048 NYTME (km.): 608.209 Building: AREA 96

Item 488.9(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: F-INISH

Emission Point: 24909
Height (ft.): 4 Diameter (in.): 1
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 24934
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.174 NYTME (km.): 609.041 Building: 24

Emission Point: 30905
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.945 Building: 30

Emission Point: 30932
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.349 NYTME (km.): 608.945 Building: 30

Emission Point: 38008
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.351 NYTME (km.): 608.813 Building: 38

Emission Point: 85032
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.694 NYTME (km.): 608.46 Building: 85

Item 488.10(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: H-OFURN

Emission Point: 15502

Height (ft.): 34 Diameter (in.): 2
NYTMN (km.): 4740.991 NYTME (km.): 608.719 Building: 15

Emission Point: 21012
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.25 NYTME (km.): 608.937

Emission Point: 35027
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.291 NYTME (km.): 608.799

Emission Point: 62016
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.18 NYTME (km.): 608.56

Emission Point: 85063
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.694 NYTME (km.): 608.475

Item 488.11(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-13004

Emission Point: 13004
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4740.986 NYTME (km.): 608.793 Building: 13

Emission Point: 13005
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4740.986 NYTME (km.): 608.793 Building: 13

Emission Point: 13006
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4740.986 NYTME (km.): 608.793 Building: 13

Emission Point: 13300
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4740.986 NYTME (km.): 608.793 Building: 13

Item 488.12(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-14009

Emission Point: 15500
Height (ft.): 34 Diameter (in.): 2
NYTMN (km.): 4740.991 NYTME (km.): 608.719 Building: 15

Emission Point: 15501
Height (ft.): 34 Diameter (in.): 2
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 15

Item 488.13(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28002

Emission Point: 28002
Height (ft.): 100 Diameter (in.): 72
NYTMN (km.): 4741.141 NYTME (km.): 608.907 Building: 28

Emission Point: 28006
Height (ft.): 150 Diameter (in.): 71
NYTMN (km.): 4741.17 NYTME (km.): 608.905 Building: 28

Emission Point: 28020
Height (ft.): 50 Diameter (in.): 72
NYTMN (km.): 4741.15 NYTME (km.): 608.927 Building: 28

Item 488.14(From Mod 1):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28003

Emission Point: 28003
Height (ft.): 100 Diameter (in.): 96
NYTMN (km.): 4741.162 NYTME (km.): 608.919 Building: 28

Emission Point: 28004
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4741.139 NYTME (km.): 608.917 Building: 28

Emission Point: 28005
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4741.141 NYTME (km.): 608.925 Building: 28

Item 488.15(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: W-97004

Emission Point: 97004
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97005
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.049 NYTME (km.): 609.21 Building: 97

Emission Point: 97008
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97011
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97012
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4741.049 NYTME (km.): 609.21 Building: 97

Emission Point: 97013
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.037 NYTME (km.): 609.252 Building: 97

Emission Point: 97015
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.037 NYTME (km.): 609.252 Building: 97

Emission Point: 97016
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4741.144 NYTME (km.): 609.252 Building: 97

Emission Point: 97017
Height (ft.): 15 Diameter (in.): 8
NYTMN (km.): 4741.049 NYTME (km.): 609.209 Building: 97

Emission Point: 97018
Height (ft.): 32 Diameter (in.): 4
NYTMN (km.): 4741.144 NYTME (km.): 609.206 Building: 97

Emission Point: 97019
Height (ft.): 32 Diameter (in.): 2
NYTMN (km.): 4741.146 NYTME (km.): 609.208 Building: 97

Emission Point: 97020
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.049 NYTME (km.): 609.209 Building: 97

Emission Point: 97021
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.048 NYTME (km.): 609.21 Building: 97

Emission Point: 97035
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.043 NYTME (km.): 609.16 Building: 97

Emission Point: 97036
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4741.035 NYTME (km.): 609.162 Building: 97

Emission Point: 97042
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97043
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.048 NYTME (km.): 609.209 Building: 97

Emission Point: 97044
Height (ft.): 26 Diameter (in.): 2
NYTMN (km.): 4741.049 NYTME (km.): 609.21 Building: 97

Emission Point: 97060
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.003 NYTME (km.): 609.196 Building: 97

Emission Point: 97063
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.169 NYTME (km.): 609.307 Building: 97

Emission Point: 97064
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.169 NYTME (km.): 609.307 Building: 97

Emission Point: 97104
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.312 NYTME (km.): 608.881 Building: 97

Condition 489: Process Definition By Emission Unit
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 489.1(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 005 Source Classification Code: 3-01-999-99
Process Description:
The PK10 system consists of a polykettle, column, and a light ends system with condenser, receiver, and vacuum system. It is a batch system used to make silicone polymers. It makes products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The polykettle/column vent through EP 78032/78015 and 78016.

Emission Source/Control: 78PC1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 78RVC - Process

Item 489.2(From Mod 2):

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 007 Source Classification Code: 3-01-999-99
Process Description:
The 40 gallon Ross Mixer system is a batch system operated by building 30. It makes products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The mixer vents through EP 14006.

Emission Source/Control: 14RMX - Process

Item 489.3(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 008 Source Classification Code: 3-01-999-99
Process Description:
The building 37 Cracker system consists of a cracker, condenser and receiver. The Cracker system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associtaed cleanouts. The Cracker system vents directly to atmosphere at EP 37952. The Cracker system can also vent through the cracker vacuum ejectors and hotwell to atmosphere at EP 37902 or continue on and vent through CPU vacuum ejectors to atmosphere at EP 37901.

Emission Source/Control: 37CE2 - Process

Emission Source/Control: 37CRE - Process

Item 489.4(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 009 Source Classification Code: 3-01-999-99
Process Description:
The dimethyl fluids equilibrator system consists of a 1M equilibrator, overhead condenser, receiver, water separator, secondary coalescer, reactor, slurry tank, bag dump station and the 515 intermediate storage tanks. The dimethyl fluids equilibrator system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT

products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The dimethyl fluids equilibrator system vents directly to atmosphere at EP 37009. The filtrol addition slurry tank vents through a dust collector to atmosphere at EP 37934 and EP 37903. The intermediate tanks vent to atmosphere at EPs 37910, 37920 and 37921.

Emission Source/Control: 37BDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 37CVS - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVT - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVX - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37BDD - Process

Emission Source/Control: 37FAT - Process

Emission Source/Control: 37FEF - Process

Emission Source/Control: 37GV3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 37ST3 - Process

Emission Source/Control: 37ST7 - Process

Emission Source/Control: 37ST8 - Process

Item 489.5(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 012 Source Classification Code: 3-01-999-99
Process Description:
The PK12 system consists of the PK12 reactor, light ends receiver and condenser. It is a batch system used to make silicone polymers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated

cleanouts. The polykettle system vents through EP 78018 or through a vacuum ejector system EP 78019.

Emission Source/Control: 78PK2 - Process

Emission Source/Control: 78VES - Process

Item 489.6(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 013 Source Classification Code: 3-01-999-99
Process Description:
The east hydrolyzer system includes a high acid scrubber, condenser system, receiver, hydrolyzer, column and silane feed tanks. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The east hydrolyzer system vents through a vent gas scrubber to EP 76001. It can also vent through the east high acid scrubber (a Group 1 control device) via chemical sewer (EP 76710). The east high acid scrubber can vent through the west high acid scrubber (a Group 1 control device) via chemical sewer (EP 76711).

Emission Source/Control: 76CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76EAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76EHC - Process

Emission Source/Control: 76EHW - Process

Emission Source/Control: 76ERC - Process

Emission Source/Control: 76ESB - Process

Item 489.7(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 022 Source Classification Code: 3-01-999-99
Process Description:
The west hydrolyzer system includes a high acid scrubber,

condenser, receiver, hydrolyzer, and silane blend and weight tanks. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The west hydrolyzer system vents through a vent gas scrubber to EP 76001. The condenser can vent through the east high acid scrubber (a Group 1 control device) via chemical sewer (EP 76710). The west hydrolyzer, receiver and condenser can also vent through the west high acid scrubber (a Group 1 control device) via chemical sewer (EP 76711).

Emission Source/Control: 76CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76WAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76WHC - Process

Emission Source/Control: 76WHR - Process

Emission Source/Control: 76WHW - Process

Emission Source/Control: 76WSB - Process

Emission Source/Control: 76WSW - Process

Item 489.8(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 023 Source Classification Code: 3-01-999-99
Process Description:
Polykettle 1 is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. The polykettles vents through an ejector system, pre-condenser and collection tank. This polykettle system is connected to the Building 30 vent header which vents to the compressor knockout tank (24KOT) and then through the MON MACT vent header to the either the RKI (EP 97003) or the FBI (EP 97001, 97002). This process includes any associated cleanouts. Emissions are accounted for under process 422 (RKI) or 424(FBI).

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY1 - Process

Item 489.9(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 024 Source Classification Code: 3-01-999-99
Process Description:
Polykettle 2 is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. The polykettles vents through an ejector system, pre-condenser and collection tank. This polykettle system is connected to the Building 30 vent header which vents to the compressor knockout tank (24KOT) and then through the MON MACT vent header to the either the RKI (EP 97003) or the FBI (EP 97001, 97002). This process includes any associated cleanouts.Emissions are accounted for under process 422 (RKI) or 424(FBI).

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY2 - Process

Item 489.10(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 025 Source Classification Code: 3-01-999-99
Process Description:
Polykettle 3 is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. The

polykettles vents through an ejector system, pre-condenser and collection tank. This polykettle system is connected to the Building 30 vent header which vents to the compressor knockout tank (24KOT) and then through the MON MACT vent header to the either the RKI (EP 97003) or the FBI (EP 97001, 97002). This process includes any associated cleanouts. Emissions are accounted for under process 422 (RKI) or 424(FBI).

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY3 - Process

Item 489.11(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 026 Source Classification Code: 3-01-999-99
Process Description:
Polykettle 5 is a Group 1 batch vent system subject to the regulations of 40 CFR 63, Subpart FFFF. The polykettles vents through an ejector system, pre-condenser and collection tank. This polykettle system is connected to the Building 30 vent header which vents to the compressor knockout tank (24KOT) and then through the MON MACT vent header to the either the RKI (EP 97003) or the FBI (EP 97001, 97002). This process includes any associated cleanouts. Emissions are accounted for under process 422 (RKI) or 424(FBI).

Emission Source/Control: D4CNB - Process

Emission Source/Control: D4CON - Process

Emission Source/Control: PESV1 - Process

Emission Source/Control: PESV2 - Process

Emission Source/Control: PESV3 - Process

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY5 - Process

Item 489.12(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 037 Source Classification Code: 3-01-999-99
Process Description:
The polyhouse jet oil recovery tank system consists of a return tank, coalescer, water overflow tank and light ends sump. The polyhouse jet oil recovery tank system vents through EP 30902

Emission Source/Control: PJORS - Process

Item 489.13(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 039 Source Classification Code: 3-01-999-99
Process Description:
The 300 gallon glass reactor system consists of a reactor, ejectors, condensers, hotwell, condenser pot, weigh tank and receiver. The 300 reactor glass system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The 300 glass reactor system vents directly to atmosphere at EP 37040 or via oxygen analyzer at EP 37066. The 300 glass reactor system can also vent through a receiver to atmosphere at EP 37060. The 300 glass reactor system vents through the ejector vent system to atmosphere (EP 37021 or EP 37083).

Emission Source/Control: 37EJV - Process

Emission Source/Control: 37GLR - Process
Design Capacity: 300 gallons

Emission Source/Control: 37GPR - Process

Item 489.14(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 040 Source Classification Code: 3-01-999-99
Process Description:
The east filter aid kettle (FAK) system includes a filter aid kettle, precoat tank, solid feeds hopper and dust

collector. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The east FAK system vents through a vent gas scrubber to EP 76001. The solid feeds hopper vents through the east dust collector to EP 76005.

Emission Source/Control: 76ESC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76CH1 - Process

Emission Source/Control: 76EFK - Process

Emission Source/Control: 76EPT - Process

Item 489.15(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 041 Source Classification Code: 3-01-026-30
Process Description:
The polykettle 8 system consists of polykettle 8, a condenser and a receiver. It is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The Polykettle 8 systems vents either directly to atmosphere (EP 30808) or through a vacuum system (EP30918).

Emission Source/Control: PESV8 - Process

Emission Source/Control: POLY8 - Process

Item 489.16(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 042 Source Classification Code: 3-01-999-99
Process Description:
The polykettle 4 system consists of polykettle 4, a condenser and a receiver. It is a batch system used to

make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The Polykettle 4 systems vents either directly to atmosphere (EP 30804) or through a vacuum system (EP30914).

Emission Source/Control: PESV4 - Process

Emission Source/Control: POLY4 - Process

Item 489.17(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 043 Source Classification Code: 3-01-999-99
Process Description:
The polykettle 6 system consists of polykettle 6, a condenser and a receiver. It is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The Polykettle 6 systems vents either directly to atmosphere (EP 30806) or through a vacuum system (EP30916).

Emission Source/Control: PESV6 - Process

Emission Source/Control: POLY6 - Process

Item 489.18(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 045 Source Classification Code: 3-01-999-99
Process Description:
The polykettle 7 system consists of polykettle 7, a condenser and a receiver. It is a batch system used to make various oils and gums. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any cleanouts. The Polykettle 7 systems vents either directly to atmosphere (EP 30807) or through a

vacuum system (EP30917).

Emission Source/Control: PESV7 - Process

Emission Source/Control: POLY7 - Process

Item 489.19(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 047 Source Classification Code: 3-01-999-99
Process Description:
The west filter aid kettle (FAK) system includes a filter aid kettle and precoat tank. Products made on this system that include HAPs and are subject to 40 CFR 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The west FAK system vents through a vent gas scrubber to EP 76001. The west FAK can also vent through the west high acid scrubber (a Group 1 control device) via chemical sewer (EP 76711).

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76WFK - Process

Emission Source/Control: 76WPT - Process

Item 489.20(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 066 Source Classification Code: 3-01-026-30
Process Description:
The west blend tank system includes a platinum storage tank, an inhibitor tank, 15M blend tank 15M Powder Transfer System and the transfer pump drum in inhibitor additive system. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The platinum tank vents to atmosphere at EP 76712. The inhibitor tank vents to atmosphere at EP 76713. The 15M blend tank vents to atmosphere at EP 76718. The 15M Powder Transfer System vents through EP 76717. The 15M blend tank vents directly to atmosphere at EP 76718. The elephant trunk for the inhibitor tank has an elephant trunk that vents directly to atmosphere at EP 76719.

Emission Source/Control: 76BCV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76ICV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76PCV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76B15 - Process

Emission Source/Control: 76BIT - Process

Emission Source/Control: 76IDM - Process

Emission Source/Control: 76PST - Process

Emission Source/Control: 76TTS - Process

Item 489.21(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 067 Source Classification Code: 3-01-999-99
Process Description:
LDH/Siloxanes oil production. This process represents Siloxane water removal systems, and neutralizer vents associated with LDH and Siloxanes oil production. The 4 stage mixer/settler vents through venturi scrubbers (EP 35017). The neutralizer mixer and wash mixer settler vent through the wash scrubber (EP35018). The B51 Decanter tank vents directly to EP 35043 or can go through a water eductor scrubber (EP 35044).

Emission Source/Control: 35PGA - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 35VGS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 35B51 - Process

Emission Source/Control: 35FSV - Process

Emission Source/Control: 35NE1 - Process

Emission Source/Control: 35WES - Process

Emission Source/Control: 35WMS - Process

Item 489.22(From Mod 2):

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 073 Source Classification Code: 3-01-999-99
Process Description:

Manufacture of mixed cyclics in the cracker "C" and "D" system. D3, D4 and D5 are present. The water stripper vents through the column stripper scrubber and to either EP 35006 or EP 35016. The 3-stage condenser system bypasses the scrubber and vents to either EP 35006 or EP 35016. The coalescer and light ends receiver vent through EP 35007. The “D” cracker column reflux system vents through the “D” cracker hotwell system and out of either EP 35009 or EP 35040. The cracker preheater drain tank vents through a conservation valve at EP 35010. The D cracker reactor vents through EP 35011. The C cracker reactor vents through 35011. The C Cracker Column vents through EP 35901.

Emission Source/Control: 35CSS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 35CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35539 - Process

Emission Source/Control: 35B51 - Process

Emission Source/Control: 35CCE - Process

Emission Source/Control: 35CHW - Process

Emission Source/Control: 35CIV - Process

Emission Source/Control: 35CPH - Process

Emission Source/Control: 35CRV - Process

Emission Source/Control: 35CWS - Process

Emission Source/Control: 35DRV - Process

Emission Source/Control: 35GLY - Process

Emission Source/Control: 35LER - Process

Emission Source/Control: 35SOT - Process

Emission Source/Control: 35WES - Process

Item 489.23(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 082 Source Classification Code: 3-01-999-99
Process Description:
The artisan system consists of the stripper, condenser, receiver, drum and feed tanks. The artisan stripper system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, will be tracked under monthly MON MACT batch tracking and managed as described in process MN1. The stripper system vents to atmosphere through EP 24133. The east and west artisan feed tanks vents through EP 24134 and EP 24135 respectively. The artisan drum vents through a dust collector to atmosphere at EP 24132. This process includes any associated cleanouts.

Emission Source/Control: 24ADC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 24ARS - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24DRM - Process

Emission Source/Control: 24SF1 - Process

Emission Source/Control: 24SF2 - Process

Emission Source/Control: 24WST - Process

Item 489.24(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018

Process: 083 Source Classification Code: 3-01-999-99
Process Description:
The Building 23 blend tank system are blend tanks subject to the regulations of 40 CFR 63, Subpart FFFF. The blend tank system vents to the B24 MON MACT Water Scrubber (MTCSS) and compressor knockout tank (24KOT) and then through the MON MACT vent header to the either the RKI (EP 97003) or the FBI (EP 97001, 97002). This process includes any associated cleanouts. Emission are accounted for under process 422 (RKI) and 424 (FBI).

Emission Source/Control: 23BT1 - Process

Emission Source/Control: 23BT2 - Process

Emission Source/Control: 23BT3 - Process

Item 489.25(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 084 Source Classification Code: 3-01-999-99
Process Description:
The 300 Stainless Steel Reactor system consists of a kettle, packed column, receiver and condensers. The system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The 300 Stainless Steel Reactor system vents to atmosphere at EP 37804.

Emission Source/Control: 37SSR - Process
Design Capacity: 300 gallons

Item 489.26(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 086 Source Classification Code: 3-01-999-99
Process Description:
The 4M Dispersion Kettle system consists of a kettle, receiver, condensers and drum station. The NPK reactor system is part of the 4M Dispersion Kettle system and includes a reactor, condenser and receiver. The 4M Dispersion Kettle/NPK system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described

in Process MN1. This process also includes any cleanouts. The 4M Dispersion Kettle system vents to atmosphere through EP 37020, 37078 or EP 37079. The 4M Dispersion Kettle system can also vent through the cracker vacuum ejectors and hotwell to atmosphere at EP 37902 or continue on and vent through CPU vacuum ejectors to atmosphere at EP 37901. The kettle drum station vents to atmosphere at EP 37707. The NPK reactor and condenser can vent directly to atmosphere through EP 37017. The NPK reactor and condenser can also vent through the CPU vacuum ejectors to atmosphere at EP 37901 or continue on and vent to cracker vacuum ejectors and hotwell to atmosphere at EP 37902. The reactor, condenser and receiver can also vent directly to atmosphere at EP 37033.

Emission Source/Control: 374MD - Process

Emission Source/Control: 374MK - Process

Emission Source/Control: 37NPK - Process

Emission Source/Control: 37PRV - Process

Item 489.27(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 087 Source Classification Code: 3-01-999-99
Process Description:
The 2M Dispersion Kettle system consists of a kettle, condenser, receiver and drum station. The 2M Dispersion Kettle system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The 2M Dispersion Kettle system can vent to atmosphere through EPs 37011, EP 37080 or EP 37081. The kettle drum station vents to atmosphere at EP 37707.

Emission Source/Control: 372MD - Process

Emission Source/Control: 372MK - Process

Item 489.28(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 088 Source Classification Code: 3-01-999-99
Process Description:
The 2M Hydrolyzer system consists of a hydrolyzer,

receiver, condenser, 100 column and 100 column hotwell system. The 2M Hydrolyzer system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The 2M Hydrolyzer system vents to atmosphere at EP 37002 and EP 37701 or through an acetone ejector system to atmosphere at EP 37022. The receivers and 100 column can vent through a knockout tank to EP 37018. The receivers can also vent directly to atmosphere at EPs 37067, 37068, 37069, 37070 and 37071. The 100 column hotwell system can also vent directly to EP 37018, 37072 and 37004. The liquid goes to the chemical sewer.

Emission Source/Control: 37100 - Process

Emission Source/Control: 372MH - Process

Emission Source/Control: 37CR4 - Process

Emission Source/Control: 37CRA - Process

Emission Source/Control: 37CRB - Process

Emission Source/Control: 37CRC - Process

Emission Source/Control: 37CRD - Process

Emission Source/Control: 37EJE - Process

Emission Source/Control: 37HAE - Process

Emission Source/Control: 37KOC - Process

Item 489.29(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 090 Source Classification Code: 3-01-999-99
Process Description:
This process represents sources in the Methyl Chlorosilane (MCS) operations area and the Methyl Chloride plant which are vented to the Rotary Kiln Incinerator (source 96RKI, EP 97003) or the Fixed Box Incinerator (source 93FBI, EPs 97001, 97002) via the process vent header when the MCS vent incinerator/scrubber (sources MCSVI/MCSVS, EP 62007) is not being utilized. Emissions from this process are accounted for under process code 422 for the RKI and 424 for the FBI. The MCS4 recovery column

(source MCSIV) and the 114B mono/tri column (source 114BC), which are part of this process, are subject to specific requirements under 40CFR 60, Subpart NNN.

This process has operations out of Buildings 23, 34, 55, 62, 65 & 67

Emission Source/Control: MCB08 - Combustion

Emission Source/Control: 55MT3 - Process

Emission Source/Control: 55MV3 - Process

Emission Source/Control: 55PS3 - Process

Emission Source/Control: 55RC3 - Process

Emission Source/Control: 55RCA - Process

Emission Source/Control: 55RCB - Process

Emission Source/Control: 55RV3 - Process

Emission Source/Control: 55RXR - Process

Emission Source/Control: 55VC3 - Process

Emission Source/Control: 62RC2 - Process

Emission Source/Control: 65CCN - Process

Emission Source/Control: 65CCS - Process

Emission Source/Control: 65MT2 - Process

Emission Source/Control: 65PC2 - Process

Emission Source/Control: 65PS2 - Process

Emission Source/Control: 65RV2 - Process

Emission Source/Control: 65RXR - Process

Emission Source/Control: 65VC2 - Process

Emission Source/Control: 65VT2 - Process

Emission Source/Control: 67RC4 - Process

Emission Source/Control: 67RD4 - Process

Emission Source/Control: 67RS4 - Process

Emission Source/Control: 67RV4 - Process

Emission Source/Control: 67RXR - Process

Emission Source/Control: 67VC4 - Process

Emission Source/Control: M4MRC - Process

Emission Source/Control: MCA01 - Process

Emission Source/Control: MCA02 - Process

Emission Source/Control: MCA03 - Process

Emission Source/Control: MCA04 - Process

Emission Source/Control: MCA05 - Process

Emission Source/Control: MCA06 - Process

Emission Source/Control: MCA07 - Process

Emission Source/Control: MCA08 - Process

Emission Source/Control: MCA09 - Process

Emission Source/Control: MCA10 - Process

Emission Source/Control: MCA11 - Process

Emission Source/Control: MCA12 - Process

Emission Source/Control: MCA13 - Process

Emission Source/Control: MCA14 - Process

Emission Source/Control: MCB01 - Process

Emission Source/Control: MCB02 - Process

Emission Source/Control: MCB03 - Process

Emission Source/Control: MCB04 - Process

Emission Source/Control: MCB05 - Process

Emission Source/Control: MCB06 - Process

Emission Source/Control: MCB07 - Process

Emission Source/Control: MCB09 - Process

Emission Source/Control: MCB10 - Process

Emission Source/Control: MCB11 - Process

Emission Source/Control: MCB12 - Process

Emission Source/Control: MCB13 - Process

Emission Source/Control: MCB14 - Process

Emission Source/Control: MCSCP - Process

Emission Source/Control: T506D - Process

Item 489.30(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 092 Source Classification Code: 3-01-999-99
Process Description:
The 1M Fluorosilicone system consists of a reactor/column, weigh tank and receivers. It is a batch system used to produce fluoro grades. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking as described in Process MN3. This process also includes as any cleanouts. The 1M Fluorosilicone system vents through a vapor scrubber and ejector system to EP 71013.

Emission Source/Control: 71VCS - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: 71FR1 - Process

Emission Source/Control: 71FR2 - Process

Emission Source/Control: 71FSC - Process

Emission Source/Control: 71FSR - Process

Emission Source/Control: 71FWT - Process

Item 489.31(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 093 Source Classification Code: 3-01-999-99
Process Description:
The Building 27 Weak Acid System, tank 508C, tank 508D,

tank 508E and tank 508F vent to the incinerators through the TCS Process Vent Header to either the RKI (EP97003) or the FBI (EP97001, 97002). Emission are accounted for under process 422 (RKI) and 424 (FBI).

Emission Source/Control: 2758C - Process

Emission Source/Control: 2758D - Process

Emission Source/Control: 2758E - Process

Emission Source/Control: 2758F - Process

Emission Source/Control: 27BTC - Process

Emission Source/Control: 27OHC - Process

Emission Source/Control: 27PDS - Process

Emission Source/Control: 27WAR - Process

Emission Source/Control: 34QUC - Process

Emission Source/Control: 34QUP - Process

Item 489.32(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 094 Source Classification Code: 3-01-999-99
Process Description:
This process represents sources in the FS Reactor System which are vented to the Rotary Kiln Incinerator (source 96RKI, EP 97003) or the Fixed Box Incinerator (source 93FBI, EPs 97001, 97002) via the process vent header. Emissions from this process are accounted for under process code 422 for the RKI and 424 for the FBI

Emission Source/Control: FSRS1 - Process

Emission Source/Control: FSRS2 - Process

Emission Source/Control: FSRS3 - Process

Emission Source/Control: FSRS4 - Process

Item 489.33(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 095 Source Classification Code: 3-01-999-99
Process Description:

This process represents sources in the Trichlorosilane (TCS) operations area which are vented to the Rotary Kiln Incinerator (source 96RKI, EP 97003) or the Fixed Box Incinerator (source 93FBI, EPs 97001, 97002) via the process vent header. Emissions from this process are accounted for under process code 422 for the RKI and 424 for the FBI. The TCS Reactor normally vents to the incinerators through the TCS Process Vent Header. It can also vent to atmosphere at EP 62017.

Emission Source/Control: TCSDD - Process

Emission Source/Control: TCSPC - Process

Emission Source/Control: TCSRS - Process

Emission Source/Control: TCSRT - Process

Emission Source/Control: TCSRV - Process

Emission Source/Control: TCSVC - Process

Emission Source/Control: TCSVT - Process

Item 489.34(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 096 Source Classification Code: 3-01-999-99
Process Description:
Equipment for Family of Material #096 which is a miscellaneous organic manufacturing unit (MCPU) that is regulated under 40 CFR Part 63 Subpart FFFF.

Emission Source/Control: 37RHE - Process

Emission Source/Control: 37RHS - Process

Emission Source/Control: RH502 - Process

Emission Source/Control: RHFTK - Process

Emission Source/Control: RHJOD - Process

Emission Source/Control: RHPTK - Process

Item 489.35(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 097 Source Classification Code: 3-01-999-99
Process Description:

The TCS tanks (tank 5503, tank 5504, tank 5505, tank 5506 and tank 563A) vent to the incinerators through the TCS Process Vent Header to the RKI (EP 97003) or FBI (EP 97001, EP 97002). Emissions are accounted for under process 422 (RKI) or 424 (FBI).

Emission Source/Control: 62CTA - Process

Emission Source/Control: 62T5C - Process

Emission Source/Control: 62T5E - Process

Emission Source/Control: 64CT6 - Process

Emission Source/Control: 64CT7 - Process

Item 489.36(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 098 Source Classification Code: 3-01-999-99
Process Description:
Distillation column vents through the MCS distillation header, connect to the TCS process header and then to the RKI (EP 97003) or the FBI (97001, 97002). Emissions are accounted for under process 422 (RKI) or 424 (FBI) .

Emission Source/Control: 101CO - Process

Emission Source/Control: 110CO - Process

Emission Source/Control: 112AB - Process

Emission Source/Control: 113AB - Process

Emission Source/Control: 113BB - Process

Emission Source/Control: 113CC - Process

Emission Source/Control: 114BC - Process

Emission Source/Control: 119CO - Process

Emission Source/Control: 62T56 - Process

Emission Source/Control: 62T61 - Process

Emission Source/Control: 64RDD - Process

Item 489.37(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 100 Source Classification Code: 3-01-999-99
Process Description:
The CPU system consists of a vent condenser and slops relief tank. The CPU system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The slops tank vents through a vent condenser to atmosphere at EP 37023. The CPU vacuum ejectors vent to atmosphere at EP 37901. The catalyst tank vents to atmosphere at EP 37062. The neutralizer tank vents to atmosphere at EP 37063.

Emission Source/Control: 37CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVZ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37APV - Process

Emission Source/Control: 37CE1 - Process

Emission Source/Control: 37CPN - Process

Emission Source/Control: 37CPT - Process

Emission Source/Control: 37CST - Process

Emission Source/Control: 37D4F - Process

Emission Source/Control: 37VCU - Process

Item 489.38(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 106 Source Classification Code: 3-01-999-99
Process Description:
The storage tanks vent through the intermediates vent scrubber and then to the atmosphere via EP 23002. The tanks have a nitrogen blanket or are under pressure.

Emission Source/Control: 23SCR - Control
Control Type: WET SCRUBBER

Emission Source/Control: 23HT1 - Process

Emission Source/Control: 23HT4 - Process

Emission Source/Control: 23RCD - Process

Emission Source/Control: 23TK0 - Process

Emission Source/Control: 23TK4 - Process

Emission Source/Control: 23TK5 - Process

Emission Source/Control: 23TK6 - Process

Emission Source/Control: 23TK9 - Process

Emission Source/Control: 23TKU - Process

Item 489.39(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 108 Source Classification Code: 3-01-999-99
Process Description:
The specialty kettle manufactures intermediates, polymers, catalyst blends or other specialty fluids. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The specialty kettle vents through the vent gas scrubber to EP 76001. The specialty kettle can also vent through the west high acid scrubber (a Group 1 control device) via chemical sewer (EP 76711). The specialty kettle feed hopper vents to the east dust collector and then through EP 76005.

Emission Source/Control: 76EWS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 76CH3 - Process

Emission Source/Control: 76SPK - Process

Item 489.40(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 109 Source Classification Code: 3-01-999-99
Process Description:
The dimethyl fluids thin film evaporator (LUWA stripper) is used to remove volatiles from material produced in the 1M equilibrator. The TFE system includes of fluid blend

filter press receivers, precoat tank, columns and intermediate storage tanks. The dimethyl fluids system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any associated cleanouts. The dimethyl fluids filter press vents directly to atmosphere at EP 37707. The 514 intermediate tanks vent to atmosphere at EPs 37909, 37917, The Dimethyl Fluids Vacuum System vents through EP 48001.

Emission Source/Control: 37CVL - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVU - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37FBP - Process

Emission Source/Control: 37ST2 - Process

Emission Source/Control: 37ST4 - Process

Emission Source/Control: 37ST5 - Process

Emission Source/Control: 37TA3 - Process

Emission Source/Control: 48VSS - Process

Item 489.41(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 110 Source Classification Code: 3-05-101-99
Process Description:
The nickel kettle system consists of a kettle, receiver and condenser. The nickel kettle system makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. The #4 FAK tank vents directly to atmosphere at EP 24309. The interface recovery tank vents to the atmosphere at EP 24423 as well as the chemical sewer. The NV still vents directly to atmosphere at EP 24908. This process includes any associated cleanouts.

Emission Source/Control: 24DRE - Process

Item 489.42(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 112 Source Classification Code: 3-01-999-99
Process Description:
The 3M Filter Aid Kettle (FAK) system consists of a reactor FAK, pre-coat tank. The 3M FAK system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. This process also includes any associated cleanouts. The precoat tank vents directly to atmosphere at EP 37039. The 3M reactor FAK vent directly to atmosphere at EP 37038. The platinum tank has a nitrogen blanket and vents to atmosphere through EP 37827.

Emission Source/Control: 37CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 373MF - Process

Emission Source/Control: 37FAK - Process
Design Capacity: 500 gallons

Emission Source/Control: 37FPC - Process

Emission Source/Control: 37PLT - Process

Item 489.43(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 114 Source Classification Code: 3-01-999-99
Process Description:
The 1500 gallon glass (1500 PUFA) reactor system consists of a reactor, condenser, receivers, splitter, decanter, weigh tank, and platinum tank. The 1500 gallon reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The

1500 gallon PUFA system vents directly to atmosphere at EP 37042, EP 37044 or EP 37045. The reactor system can also vent through a mechanical vacuum system with knockout pot as well as the 1500 PUFA knock out pot at EP 37019. The south receiver can vent directly to atmosphere at EP 37044. The platinum tank has a nitrogen blanket and vents to atmosphere through EP 37827. The weigh tanks vents to atmosphere at EP 37812.

Emission Source/Control: 37GW7 - Process
Design Capacity: 750 gallons

Emission Source/Control: 37MVS - Process

Emission Source/Control: 37P15 - Process

Emission Source/Control: 37PLT - Process

Emission Source/Control: 37PSR - Process

Item 489.44(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 119 Source Classification Code: 3-01-999-99
Process Description:
The continuous hydrolysis loop system consists of the hydrolysis loop, tanks, neutralizers, holding tanks, interface recovery tank, surge tanks, precoat tanks, filter aid kettle, sparkler filter, NV still, west batch neutralizer and enzinger press. The continuous hydrolysis loop system makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are managed as described in process MN1. The #4 FAK tank vents directly to atmosphere at EP 24309. The interface recovery tank vents to the atmosphere at EP 24423 as well as the chemical sewer. The #4 tank vents to atmosphere at EP 24951. The enzinger precoat tank vents to atmosphere at EP 24925. The enzinger FAK vents directly to atmosphere at EP 24937. The holding tanks vent to atmosphere at EP 24938, EP 24939 and EP 24703. The continuous hydrolysis hold tank vents through the continuous vent scrubber to atmosphere at EP 24950. The slurry tank vents directly to atmosphere at EP 24962. The continuous hydrolysis reaction loop vents through the loop scrubber to atmosphere at EP 24949. The continuous hydrolyzer tank, west batch neutalizer, NV Still and sparkler filter vent directly to atmosphere at EP 24703. The NV Still can also vent to atmosphere at EP 24908. The hold tanks vent through EP 24907. The process tank vents through EP 24936. The NV Still receiver vents

through EP 24927. The #10 FAK vents to atmosphere at EP 24933. This process includes any associated cleanouts.

Emission Source/Control: 24HLS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 244HD - Process

Emission Source/Control: 24CHL - Process

Emission Source/Control: 24CHT - Process

Emission Source/Control: 24ENZ - Process

Emission Source/Control: 24FK0 - Process

Emission Source/Control: 24FTO - Process

Emission Source/Control: 24HT1 - Process

Emission Source/Control: 24HT2 - Process

Emission Source/Control: 24HT4 - Process
Design Capacity: 400 gallons

Emission Source/Control: 24HTS - Process
Design Capacity: 400 gallons

Emission Source/Control: 24NSR - Process

Emission Source/Control: 24NVS - Process

Emission Source/Control: 24PRT - Process

Emission Source/Control: 24PST - Process

Emission Source/Control: 24SLT - Process

Emission Source/Control: 24SPK - Process

Emission Source/Control: 24T12 - Process

Emission Source/Control: 24WBN - Process

Item 489.45(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 121 Source Classification Code: 3-01-999-99
Process Description:
The 4M PUFA Reactor system consists of a knockout tank, reactor, column, condenser, splitter, decanter, slurry

tank and weigh tank. The 4M PUFA reactor system may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The 4M PUFA Reactor system can vent to atmosphere through EP 37007, EP 37014 and EP 37077 or through a mechanical vacuum system with knockout pots and tanks at EP 37041. The reactor system can also vent through the 4M PUFA receiver to atmosphere at EP 37034. The weigh tank vents to atmosphere at EP 37801. The slurry tank vents directly to atmosphere at EP 37803.

Emission Source/Control: 374MP - Process

Emission Source/Control: 374ST - Process

Emission Source/Control: 37750 - Process

Emission Source/Control: 37PUR - Process

Item 489.46(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 131 Source Classification Code: 3-01-999-99
Process Description:
The PK9 system consists of a polykettle and a light ends system with condenser, receiver, and sieve drier. It is a batch system used to make silicone polymers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The polykettle vents through EP 78006 and the light ends system vents through EP 78011/78007 and 78016.

Emission Source/Control: 78PK9 - Process

Emission Source/Control: 78PKE - Process

Emission Source/Control: 78PKV - Process

Item 489.47(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 132 Source Classification Code: 3-01-999-99

Process Description:

The PK11 system consists of a polykettle and a light ends system with condenser, receiver. And pelitizer. It is a batch system used to make silicone polymers. It may make products subject to 40 CFR Part 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The polykettle, receiver and condenser vents through EP 78017 or it can vent through a mechanical system through EP 78016. The pelitizer vents through EP 78002.

Emission Source/Control: 78MVS - Process

Emission Source/Control: 78PFT - Process

Emission Source/Control: 78PK1 - Process

Item 489.48(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 133 Source Classification Code: 3-01-999-99
Process Description:

The fluorosilicone cracker system consists of the fluorosilicone cracker, condensers, receivers, storage tank, totes, weigh tank, and ejectors. It is a batch system used to make a variety of products including gums and elasotmers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process may operate in two different modes: initial startup, as well as a semi-continuous operation. This process includes any associated cleanouts. The fluorosilicone cracker and vacuum system vent through EP 78001. The totes vent through EP 78031.

Emission Source/Control: 78FCB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 78BUH - Process

Emission Source/Control: 78FSC - Process

Emission Source/Control: 78PEL - Process

Emission Source/Control: 78SEP - Process

Emission Source/Control: 78TTV - Process

Emission Source/Control: 78VS2 - Process

Item 489.49(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 134 Source Classification Code: 3-01-999-99
Process Description:
The PK14 system consists of the PK14 reactor, light ends receiver and condenser. It is a batch system used to make silicone polymers. It may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The PK14 vents through EP 78025 or through a vacuum ejector system EP 78019.

Emission Source/Control: 78P14 - Process

Emission Source/Control: 78VES - Process

Item 489.50(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 137 Source Classification Code: 3-01-999-99
Process Description:
The 500 gallon BK mixer is used to make silicone polymer and specialty RTV. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The 500 BK mixer vents through a dust collector to EP 31022. The 500 gallon BK mixer vacuum pump vents through EP 31019. This process includes any associated cleanouts.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 30BKM - Process

Emission Source/Control: 30BKP - Process

Item 489.51(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 138 Source Classification Code: 4-90-001-99
Process Description:

The 200 gallon Reynolds mixer is used to mix silicone polymer and specialty RTV. The dry powder bin and iron oxide bin feed the mixer. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The 200 gallon Reynolds mixer vents through a knockout tank to atmosphere through EP 31046 or to a dust collector to EP 31022. The dry powers bin and the iron oxide bin vent through the dust collector to EP31022. This process includes any associated cleanouts.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 302RM - Process

Emission Source/Control: 30DPB - Process

Emission Source/Control: 30IOB - Process

Item 489.52(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 139 Source Classification Code: 3-01-999-99
Process Description:

The 3000 L North Drais mixer system consists of the mixer, feed bins, surge bins and tanks, drum pumps and transfer stations. It is a batch system used to make products subject to 40CFR 63, Subpart FFFF, as well as non MON MACT products. Products made on this system that contain HAPs and are subject to Subpart FFFF are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The system can vent through the central dust collector (EP 31030), the flammable kitting room and EP 31031, the transfer station (EP 31034), the ammonia scrubber (EP 31036 and 31037) or the Drais venturi scrubber (EP 31041). This process includes any associated cleanouts.

Emission Source/Control: 31AMS - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: 31DB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31DC1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 31DMS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31FS1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31APL - Process

Emission Source/Control: 31ESB - Process

Emission Source/Control: 31FKR - Process

Emission Source/Control: 31FP1 - Process

Emission Source/Control: 31FP2 - Process

Emission Source/Control: 31FP3 - Process

Emission Source/Control: 31GHV - Process

Emission Source/Control: 31LKR - Process

Emission Source/Control: 31LNM - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31LTS - Process

Emission Source/Control: 31NAS - Process

Emission Source/Control: 31NBH - Process

Emission Source/Control: 31NDM - Process

Emission Source/Control: 31RSR - Process

Emission Source/Control: 31STH - Process

Emission Source/Control: 31TT1 - Process

Emission Source/Control: 31TT2 - Process

Emission Source/Control: 31WSB - Process

Item 489.53(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 140 Source Classification Code: 3-01-026-30
Process Description:

The 630 L Drais mixer system consists of the mixer, feed bins, surge bins and tanks, drum pumps and transfer stations. It is a batch system used to make products subject to 40CFR 63, Subpart FFFF, as well as non MON MACT products. Products made on this system that contain HAPs and are subject to Subpart FFFF are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The system can vent through the central dust collector (EP 31030), the flammable kitting room and EP 31031, the transfer station (EP 31034) and to the ammonia scrubber (EP 31036 and 31037). This process includes any associated cleanouts.

Emission Source/Control: 31AMS - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: 31DB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31DC2 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 31630 - Process

Emission Source/Control: 31APL - Process

Emission Source/Control: 31AS6 - Process

Emission Source/Control: 31ESB - Process

Emission Source/Control: 31FKR - Process

Emission Source/Control: 31FP1 - Process

Emission Source/Control: 31FP2 - Process

Emission Source/Control: 31FP3 - Process

Emission Source/Control: 31GHV - Process

Emission Source/Control: 31LKR - Process

Emission Source/Control: 31LTS - Process

Emission Source/Control: 31RSR - Process

Emission Source/Control: 31STH - Process

Emission Source/Control: 31TT1 - Process

Emission Source/Control: 31TT2 - Process

Emission Source/Control: 31WSB - Process

Item 489.54(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 142 Source Classification Code: 3-01-999-99
Process Description:
The 3000 L South Drais mixer system consists of the mixer, feed bins, surge bins and tanks, drum pumps and transfer stations. It is a batch system used to make products subject to 40CFR 63, Subpart FFFF, as well as non MON MACT products. Products made on this system that contain HAPs and are subject to Subpart FFFF are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The system can vent through the central dust collector (EP 31030), the flammable kitting room and EP 31031, the transfer station (EP 31034), the ammonia scrubber (EP 31036 and 31037) or the Drais venturi scrubber (EP 31041). This process includes any associated cleanouts.

Emission Source/Control: 31AMS - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: 31DB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31DC1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 31DMS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 31APL - Process

Emission Source/Control: 31ESB - Process

Emission Source/Control: 31FKR - Process

Emission Source/Control: 31FP1 - Process

Emission Source/Control: 31FP2 - Process

Emission Source/Control: 31FP3 - Process

Emission Source/Control: 31FS2 - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31GHV - Process

Emission Source/Control: 31LKR - Process

Emission Source/Control: 31LSM - Process
Design Capacity: 3,000 liters

Emission Source/Control: 31LTS - Process

Emission Source/Control: 31RSR - Process

Emission Source/Control: 31SAS - Process

Emission Source/Control: 31SFB - Process

Emission Source/Control: 31STH - Process

Emission Source/Control: 31TT1 - Process

Emission Source/Control: 31TT2 - Process

Emission Source/Control: 31WSB - Process

Item 489.55(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 146 Source Classification Code: 3-01-999-99
Process Description:
The 500 gallon Day mixer is used to mix silicone polymer and specialty RTV. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. The 500 Day gallon mixer vents through a dust collector to EP 31022. The 500 gallon Day mixer vacuum pump vents through EP 31019. This process includes any associated cleanouts.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 305GD - Process

Emission Source/Control: 305VP - Process

Item 489.56(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 153 Source Classification Code: 3-01-999-99
Process Description:
The artisan system consists of a stripper, blend tank and hold tank. The artisan system may make products subject

to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process also includes any associated cleanouts. The artisan system can vent to atmosphere through EP 37911. The APV stripper can vent through the CPU vacuum ejectors to atmosphere at EP 37901 or continue on and vent to cracker vacuum ejectors and hotwell to atmosphere at EP 37902. The light end surge tank vents through a conservation vent to atmosphere at EP 37958.

Emission Source/Control: 37CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVJ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37AHT - Process
Design Capacity: 500 gallons

Emission Source/Control: 37ART - Process

Emission Source/Control: 37ASB - Process

Emission Source/Control: 37AVS - Process

Emission Source/Control: 37LST - Process

Item 489.57(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 154 Source Classification Code: 3-01-999-99
Process Description:
The 1M Reactor system consists of a reactor, weigh tank, condenser and receiver. It is a batch system used to make specialty siloxane blends, silicone fluids and catalyst blends. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking as described in Process MN1. This process also includes the local ventilation system used to remove dimethylformamide vapors during filter rebuild as well as any associated cleanouts. The 1M Reactor system vents through a knockout tank which normally vents through the 1M Reactor Scrubber system (EP 71001). The knock out tank can also vent to atmosphere (EP 71003).

Emission Source/Control: 71RXS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71CR1 - Process
Design Capacity: 1,000 gallons

Emission Source/Control: 71KO1 - Process

Emission Source/Control: 71RT2 - Process

Emission Source/Control: 71WT7 - Process
Design Capacity: 750 gallons

Item 489.58(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 156 Source Classification Code: 3-01-999-99
Process Description:
The 3M Hydrolyzer system consists of a hydrolyzer, condenser system, and weigh tanks. It is a batch system used to make specialty siloxanes, fluids and blends. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking as described in Process MN1 This process also includes any associated cleanouts. The 3M Hydrolyzer system vents through a knockout tank which normally vents through the 3M Hydrolyzer Scrubber system (EP 71001).

Emission Source/Control: 71HYS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71HY3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 71SIL - Process
Design Capacity: 1,500 gallons

Emission Source/Control: 71SWT - Process
Design Capacity: 1,500 gallons

Item 489.59(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 188 Source Classification Code: 3-01-999-99
Process Description:
The 225 gallon Day mixer is used to mix silicone polymer and specialty RTV. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described

in Process MN1. The 225 gallon Day mixer vents through a dust collector to EP 31022. The 225 gallon Day mixer vacuum pump vents through EP 31019. This process includes any associated cleanouts.

Emission Source/Control: 31DB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3025P - Process

Emission Source/Control: 302GD - Process

Item 489.60(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 189 Source Classification Code: 3-01-999-99
Process Description:
The fluorosilicone doughmixer system consists of the doughmixer, condensers, fume hood, and ejector system. It is a batch system used to make a variety of products including gums. It may make products subject to 40 CFR 63 Subpart FFFF as well as non MON MACT products. Products 09made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. This process includes any associated cleanouts. The fluorosilicone doughmixer and vacuum system vent through EP 78001. The doughmixer fume hood exhausts through EP 78004.

Emission Source/Control: 78DME - Process

Emission Source/Control: 78FDM - Process

Emission Source/Control: 78VS1 - Process

Item 489.61(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 201 Source Classification Code: 3-85-001-10
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM1 - Process

Item 489.62(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 205 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM1 - Process

Item 489.63(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 209 Source Classification Code: 3-99-999-94
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM1 - Process

Item 489.64(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 210 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of MON maintenance wastewater streams from unit C-27018 that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM1 - Process

Item 489.65(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 213 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW1 - Process

Item 489.66(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 217 Source Classification Code: 3-05-102-99
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27018 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PT1 - Process

Item 489.67(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 220 Source Classification Code: 3-01-070-02
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the unit C-27018 processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each

piece of equipment to which Subpart UU applies is identified in the LeakDAHS system.

Emission Source/Control: FUGM1 - Process

Item 489.68(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 400 Source Classification Code: 6-84-800-01
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the Methyl Chloride manufacturing area that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart H. Each piece of equipment to which Subpart H applies is identified in the LeakDAHS system.

Emission Source/Control: FUGTV - Process

Item 489.69(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 401 Source Classification Code: 3-99-999-94
Process Description:
This process represents sources in the Methyl Chlorosilane (MCS) operations area and the Methyl Chloride plant which are vented to the MCS vent incinerator/vent scrubber (control sources MCSVI/ MCSVS, EP 62007). Control sources MCSVI and MCSVS and emission point 62007 are subject to specific requirements/limitations under 6NYCRR Part 212, 40 CFR 63, Subpart G and 40CFR 63, Subpart FFFF. In addition, the MCS4 recovery column (source MCSIV) and the 114B mono/tri column (source 114BC), which are part of this process, are subject to specific requirements under 40CFR 60, Subpart NNN.

Activities occurr in buildings 34, 55, 62, 65 & 67

Emission Source/Control: MCB08 - Combustion

Emission Source/Control: MCSVI - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: MCSVS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 55MT3 - Process

Emission Source/Control: 55MV3 - Process

Emission Source/Control: 55PS3 - Process

Emission Source/Control: 55RC3 - Process

Emission Source/Control: 55RCA - Process

Emission Source/Control: 55RCB - Process

Emission Source/Control: 55RV3 - Process

Emission Source/Control: 55RXR - Process

Emission Source/Control: 55VC3 - Process

Emission Source/Control: 65CCN - Process

Emission Source/Control: 65CCS - Process

Emission Source/Control: 65MT2 - Process

Emission Source/Control: 65PC2 - Process

Emission Source/Control: 65PS2 - Process

Emission Source/Control: 65RC2 - Process

Emission Source/Control: 65RV2 - Process

Emission Source/Control: 65RXR - Process

Emission Source/Control: 65VC2 - Process

Emission Source/Control: 65VT2 - Process

Emission Source/Control: 67RC4 - Process

Emission Source/Control: 67RD4 - Process

Emission Source/Control: 67RS4 - Process

Emission Source/Control: 67RV4 - Process

Emission Source/Control: 67RXR - Process

Emission Source/Control: 67VC4 - Process

Emission Source/Control: M4MRC - Process

Emission Source/Control: MCA01 - Process

Emission Source/Control: MCA02 - Process

Emission Source/Control: MCA03 - Process

Emission Source/Control: MCA04 - Process

Emission Source/Control: MCA05 - Process

Emission Source/Control: MCA06 - Process

Emission Source/Control: MCA07 - Process

Emission Source/Control: MCA08 - Process

Emission Source/Control: MCA09 - Process

Emission Source/Control: MCA10 - Process

Emission Source/Control: MCA11 - Process

Emission Source/Control: MCA12 - Process

Emission Source/Control: MCA13 - Process

Emission Source/Control: MCA14 - Process

Emission Source/Control: MCB01 - Process

Emission Source/Control: MCB02 - Process

Emission Source/Control: MCB03 - Process

Emission Source/Control: MCB04 - Process

Emission Source/Control: MCB05 - Process

Emission Source/Control: MCB06 - Process

Emission Source/Control: MCB07 - Process

Emission Source/Control: MCB09 - Process

Emission Source/Control: MCB10 - Process

Emission Source/Control: MCB11 - Process

Emission Source/Control: MCB12 - Process

Emission Source/Control: MCB13 - Process

Emission Source/Control: MCB14 - Process

Item 489.70(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 402 Source Classification Code: 3-01-070-02
Process Description:
Methanol storage tanks 502A and 502B are equipped with internal floating roofs. The tanks are subject to the requirements of 40 CFR 63, Subpart G. The tank vents through EP 27022 and EP 27023

Emission Source/Control: 27FRA - Control
Control Type: FLOATING ROOF

Emission Source/Control: 27FRB - Control
Control Type: FLOATING ROOF

Emission Source/Control: 27STA - Process
Design Capacity: 51,028 gallons

Emission Source/Control: 27STB - Process
Design Capacity: 51,628 gallons

Item 489.71(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 403 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of Group 2 wastewater streams from the methyl chloride plant that are subject to 40 CFR 63, Subparts F and/or G.

Emission Source/Control: PROWW - Process

Item 489.72(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 404 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of maintenance wastewater streams from the methyl chloride plant that are subject to 40 CFR 63, Subparts F and/or G.

Emission Source/Control: MNTWW - Process

Item 489.73(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018

Process: 405 Source Classification Code: 3-01-070-02
Process Description:
Sulfuric acid fumes are vented from the head space of the spent sulfuric acid tank through a water scrubber to EP 34012. Sulfuric acid fumes from rail loading stations and tank truck loading also vent through the scrubber.

Emission Source/Control: 34SSS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 27RL1 - Process

Emission Source/Control: 27STL - Process

Emission Source/Control: 34SST - Process

Item 489.74(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 406 Source Classification Code: 3-85-001-10
Process Description:
This process represents cooling water from heat exchange systems within the methyl chloride plant that are subject to 40 CFR 63, Subparts F and/or G.

Emission Source/Control: HXCWW - Process

Item 489.75(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 422 Source Classification Code: 5-03-007-01
Process Description:
Rotary Kiln Incinerator (RKI) Normal Mode Operation: The RKI is used to combust vents from the TCS process vent header (processes 090, 093, 094, 095, 097), the MCS Distillation header (process 098), the WWTP clarifier air strippers (process 825), the WWTP tank farm header (process 705), the MON MACT vent header (processes 023, 024, 025, 026, 083, 715) and the MON MACT air strippers (process 705). The RKI is also used to incinerate liquid and drummed waste streams. The outlet vent stream from the RKI passes through a scrubbing system consisting of a quench spray tower, a counter current scrubber and two ionizing wet scrubber trains. The RKI is subject to the requirements of 40 CFR 63, Subpart EEE (Hazardous Waste Incinerator MACT) as well as RCRA permitting requirements. Either natural gas or number 2 fuel oil may be used as a fuel supply. Emissions from this process are calculated based on the results of Comprehensive Performance Testing. This process vents through EP 97003.

Emission Source/Control: IWS1A - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS1B - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS1C - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2A - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2B - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2C - Control
Control Type: WET SCRUBBER

Emission Source/Control: RKICS - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: RKIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: 96RKI - Incinerator
Design Capacity: 30 million Btu per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: HAZARDOUS WASTE

Item 489.76(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 423 Source Classification Code: 5-03-007-01
Process Description:
Rotary Kiln Incinerator (RKI) Maintenance Operation: Emissions from this process are accounted for under process 422. This process includes process vent burning. No hazardous waste is burned in this operation. One of the IWS trains may be off-line during this mode of operation. 40 CFR 63 subpart G regulations apply during this operation but subpart EEE does not.

Emission Source/Control: IWS1A - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS1B - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS1C - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2A - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2B - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS2C - Control
Control Type: WET SCRUBBER

Emission Source/Control: RKICS - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: RKIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: 96RKI - Incinerator
Design Capacity: 30 million Btu per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: HAZARDOUS WASTE

Item 489.77(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 424 Source Classification Code: 5-03-007-01
Process Description:

Fixed Box Incinerator (FBI) #2 Normal Mode Operation: The FBI is used to combust vents from the TCS process vent header (processes 090, 093, 094, 095, 097), the MCS Distillation header (process 098), the WWTP clarifier air strippers (process 825), the WWTP tank farm header (process 705), the MON MACT vent header (processes 023, 024, 025, 026, 083, 715) and the MON MACT air strippers (process 705). The outlet vent stream from the FBI passes through a scrubbing system consisting of a quench spray tower, one of two parallel counter current scrubbers and one of two ionizing wet scrubber trains. The FBI is subject to the requirements of 40 CFR 63, Subpart EEE (Hazardous Waste Incinerator MACT). Either natural gas or number 2 fuel oil may be used as a fuel supply. Emissions from this process are calculated based on the results of Comprehensive Performance Testing. This process vents through EP 97001 and/or 97002.

Emission Source/Control: FBCS1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: IWS11 - Control

Control Type: WET SCRUBBER

Emission Source/Control: IWS12 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS21 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS22 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 93FBI - Incinerator
Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE
Waste Type: HAZARDOUS WASTE

Item 489.78(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 425 Source Classification Code: 3-01-999-99
Process Description:
Fixed Box Incinerator (FBI) #2 Maintenance Operation:
Emissions from this process are accounted for under
process 424.

Emission Source/Control: FBCS1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: IWS11 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS12 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS21 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS22 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 93FBI - Incinerator
Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE
Waste Type: HAZARDOUS WASTE

Item 489.79(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 427 Source Classification Code: 3-01-999-99

Process Description:
FBI operation during soot blowing to EP 97002: No fulel or waste is burned during soot blowing. Emissions from this process are accounted for under process 424.

Emission Source/Control: FBCS1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: IWS11 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS12 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS21 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS22 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 93FBI - Incinerator
Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE
Waste Type: HAZARDOUS WASTE

Item 489.80(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 428 Source Classification Code: 5-03-007-01
Process Description:
FBI operation during soot blowing to EP 97001: No fuel or waste is burned during soot blowing. Emissions from this process are accounted for under process 424.

Emission Source/Control: FBCS1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: FBIQU - Control
Control Type: SPRAY TOWER

Emission Source/Control: IWS11 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS12 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS21 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IWS22 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 93FBI - Incinerator
Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE
Waste Type: HAZARDOUS WASTE

Item 489.81(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 701 Source Classification Code: 3-99-999-94
Process Description:
Material from TFE that has been stripped goes to the 517 tanks (intermediate storage tanks) and then to one of three blend tanks. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MN1 MACT batch tracking and managed as described in process MN1. The intermediate storage tanks vent to atmosphere at EPs 37941, 37942, 37943, 37944. The blend tanks vent to atmosphere at EPs 36001, 37945 and 37946.

Emission Source/Control: 37CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVN - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVP - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVQ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVR - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVY - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVZ - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 36ST4 - Process

Emission Source/Control: 37TA1 - Process

Emission Source/Control: 37TA2 - Process

Emission Source/Control: 37TK0 - Process

Emission Source/Control: 37TK7 - Process

Emission Source/Control: 37TK8 - Process

Emission Source/Control: 37TK9 - Process

Item 489.82(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 704 Source Classification Code: 3-01-840-01
Process Description:
Methanol recovery columns. Dual distillation columns which recover Methanol from water scrubber bottom product. The recovery columns normally vent to RKI / FBI but occasionally they may vent to atmosphere through EP34001 / EP34002 during start ups or periods of high pressure. When used, duration venting is recorded in a log book.

Emission Source/Control: 34RCA - Process

Emission Source/Control: 34RCB - Process

Item 489.83(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 706 Source Classification Code: 3-01-070-02
Process Description:
The HCl compressor and GDH system used in the manufacture of hydrolozyate from HCl and dichlorosilane vents through the HCl Fume Scrubber (EP 27024). Vent air from the 755 column also vents through the HCl Fume Scrubber to EP 27034.

Emission Source/Control: 27HCS - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 27755 - Process

Emission Source/Control: 27GDH - Process

Item 489.84(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 707 Source Classification Code: 3-01-840-01
Process Description:
117/118 column system. Emissions from the 117/118 columns are transferred to the 547B knockout tank, where condensed vapors are collected (EP 35031). The remaining vapors are sent to an eductor water unit, where the gases are mixed

with tempered water and are sent to the chemical sewer.

Emission Source/Control: 35CSC - Control
Control Type: WET SCRUBBER

Emission Source/Control: 3517C - Process

Item 489.85(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 709 Source Classification Code: 3-99-999-94
Process Description:
The Building 67 MCS 4 atmospheric vents include a copper feed hopper and two fresh powder feed hoppers. The catalyst feed hopper vents through a filter prior to venting to atmosphere at EP 67006. The fresh powder hoppers vent to atmosphere through filters at EP 67003 and 67004.

Emission Source/Control: 67BH1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 67CFF - Control
Control Type: FABRIC FILTER

Emission Source/Control: 67BH2 - Process

Emission Source/Control: 67CFH - Process

Emission Source/Control: 67FH1 - Process

Emission Source/Control: 67FH2 - Process

Item 489.86(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 715 Source Classification Code: 3-01-018-47
Process Description:
The MQ Resins system is a group 1 batch system subject to 40 CFR 63, Subpart FFFF and includes a body kettle condenser, receiver, wash tank, precoat tank, filter aid kettle, blend kettle, and polar solvent receiver .
Equipment from this system vents though the MON MACT vent header to RKI (EP 97003) or FBI (EP97001, 97002).
Emissions are accounted for under process code 422 (RKI) or 424 (FBI).

Emission Source/Control: 24BLD - Process

Emission Source/Control: 24BOD - Process

Emission Source/Control: 24FAK - Process

Emission Source/Control: 24HYD - Process

Emission Source/Control: 24KOT - Process

Emission Source/Control: 24PRE - Process

Emission Source/Control: 24PSR - Process

Emission Source/Control: 24PSS - Process

Emission Source/Control: 24RST - Process

Emission Source/Control: 24SIL - Process

Emission Source/Control: 24WSH - Process

Emission Source/Control: MTCSS - Process

Item 489.87(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 723 Source Classification Code: 3-99-999-94
Process Description:
The 25-gallon Ross mixer is used to mix silicone polymer. The mixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN1. The Ross mixer vents through EP 30907. This process includes any associated cleanouts.

Emission Source/Control: 30RM2 - Process

Item 489.88(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 748 Source Classification Code: 3-99-999-94
Process Description:
This process represents equipment associated with the Trichlorosilanes (TCS) production area and residue cleavage reactor as well as a number of hoppers and silos from TCS, MCS2, MCS3, MCS4, fumed silica (FS) and the fines passivation process that vent through one of two scrubbing systems. Typically the TCS sources and residue cleavage reactor vent through the silanes header to the west spray tower (control code 62WST) and west spray

scrubber (control code 62WVS) to emission point 62011, and the hoppers and silos vent through the powder header to the east spray tower (control code 62EST) and east vent scrubber (control code 62EVS) to emission point 62005. The scrubbers are cross connected, however, which allows the silanes header to be vented through the east scrubber system to emission point 62005 and the powder header to vent through the west scrubber system to emission point 62011 as needed. Emission points 62005 and 62011 are subject to specific requirements under 6NYCRR Part 212.

Activities occurr at buildings 62, 55, 67 &618

Emission Source/Control: 62EED - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 62EST - Control
Control Type: SPRAY TOWER

Emission Source/Control: 62EVS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 62WED - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 62WST - Control
Control Type: SPRAY TOWER

Emission Source/Control: 62WVS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 67BH1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 55CFH - Process

Emission Source/Control: 55CH3 - Process

Emission Source/Control: 618PS - Process

Emission Source/Control: 618SN - Process

Emission Source/Control: 618SS - Process

Emission Source/Control: 6204A - Process
Design Capacity: 50,100 gallons

Emission Source/Control: 62CST - Process

Emission Source/Control: 62FF2 - Process

Emission Source/Control: 62RCL - Process

Emission Source/Control: 62SH2 - Process

Emission Source/Control: 62SKO - Process

Emission Source/Control: 62SP2 - Process

Emission Source/Control: 62SP3 - Process

Emission Source/Control: 62SP4 - Process

Emission Source/Control: 62SWL - Process

Emission Source/Control: 62T12 - Process

Emission Source/Control: 62T56 - Process

Emission Source/Control: 62T59 - Process

Emission Source/Control: 62T61 - Process

Emission Source/Control: 62TBA - Process

Emission Source/Control: 62TRI - Process

Emission Source/Control: 65CH2 - Process

Emission Source/Control: 67BH2 - Process

Emission Source/Control: 67FH1 - Process

Emission Source/Control: 67FH2 - Process

Emission Source/Control: 67NC4 - Process

Emission Source/Control: 67SC4 - Process

Emission Source/Control: AHCLC - Process

Emission Source/Control: CL102 - Process

Emission Source/Control: GF401 - Process

Emission Source/Control: GF501 - Process

Emission Source/Control: RESDR - Process

Emission Source/Control: RESVC - Process

Emission Source/Control: T564A - Process

Emission Source/Control: TCSHC - Process

Emission Source/Control: TCSRT - Process

Item 489.89(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 750 Source Classification Code: 3-01-999-99
Process Description:
The acid storage tank vents through the tank scrubber and then to the atmosphere via EP 23005. The tanks have a nitrogen blanket or are under pressure.

Emission Source/Control: 23BSS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 23TNS - Process

Item 489.90(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 753 Source Classification Code: 3-01-999-99
Process Description:
Building 35 storage tanks working and breathing losses that vent to atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 35CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVD - Control

Control Type: CONSERVATION VENT

Emission Source/Control: 35CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVF - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35CVI - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 35538 - Process

Emission Source/Control: 35539 - Process

Emission Source/Control: 35596 - Process

Emission Source/Control: 35599 - Process

Emission Source/Control: 35992 - Process

Emission Source/Control: 35993 - Process

Emission Source/Control: 35T15 - Process

Emission Source/Control: 37MHT - Process

Emission Source/Control: 38ST7 - Process

Emission Source/Control: 38ST8 - Process

Emission Source/Control: 70HTE - Process

Emission Source/Control: 70HTW - Process

Item 489.91(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 754 Source Classification Code: 3-01-999-99
Process Description:
Siloxane tank vapors vent through a wash scrubber before discharging to the atmosphere at EP 35018. During planned maintenance shutdowns flow may be reduced/stopped, but there may still be breathing losses from the tanks. All tanks are equipped with individual vacuum regulators to prevent vacuum damage to the tanks.

Emission Source/Control: 59911 - Process

Emission Source/Control: 59912 - Process

Emission Source/Control: 59913 - Process

Emission Source/Control: T5994 - Process

Emission Source/Control: T5995 - Process

Emission Source/Control: T5996 - Process

Item 489.92(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 755 Source Classification Code: 3-01-999-99
Process Description:
The building 71 elephant trunks capture vapors from drumming stations and vent to atmosphere through a single location.

Emission Source/Control: 1FSET - Process

Emission Source/Control: 1MHET - Process

Emission Source/Control: 1MRET - Process

Emission Source/Control: 3MHET - Process

Item 489.93(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 756 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 37 processes that vent to atmosphere through sewer vents

Emission Source/Control: 372MH - Process

Emission Source/Control: 37EJE - Process

Emission Source/Control: 37EJV - Process

Emission Source/Control: 37RHE - Process

Emission Source/Control: 37RHS - Process

Emission Source/Control: 37SEH - Process

Item 489.94(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 758 Source Classification Code: 3-01-999-99

Process Description:
Building 37 elephant trunks vent directly to atmosphere.

Emission Source/Control: 372MW - Process

Emission Source/Control: 37ELP - Process

Emission Source/Control: 37ETV - Process

Emission Source/Control: 37FS1 - Process

Emission Source/Control: 37GPD - Process

Emission Source/Control: 37NDS - Process

Emission Source/Control: 37PET - Process
Design Capacity: 4,000 gallons

Emission Source/Control: 37RDS - Process

Item 489.95(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 759 Source Classification Code: 3-01-999-99
Process Description:
Building 34 surge tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blank.

Emission Source/Control: 34DLT - Process

Item 489.96(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 760 Source Classification Code: 3-01-999-99
Process Description:
Working losses from loading stations vent directly to atmosphere.

Emission Source/Control: 37FTL - Process

Item 489.97(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 761 Source Classification Code: 3-01-999-99
Process Description:
107/108 Column vents through a vent knock out tank prior to venting to atmosphere at EP21011.

Emission Source/Control: 21COL - Process

Item 489.98(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 766 Source Classification Code: 3-01-999-99
Process Description:
Building 76 storage tanks working and breathing losses that vent directly to atmosphere or to the vent gas scrubber. All tanks have a nitrogen blank and/or PCV.

Emission Source/Control: 76AA6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76AAV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76ATV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76HTV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76TFV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76AAS - Process
Design Capacity: 16,000 gallons

Emission Source/Control: 76AAT - Process
Design Capacity: 14,000 gallons

Emission Source/Control: 76ACW - Process

Emission Source/Control: 76AST - Process

Emission Source/Control: 76CTT - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 76HST - Process

Emission Source/Control: 76MST - Process

Emission Source/Control: 76PTA - Process

Emission Source/Control: 76STS - Process

Item 489.99(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 770 Source Classification Code: 3-01-999-99
Process Description:
Vapors from drumming stations and working losses from loading stations vent to atmosphere or through a scrubber prior to discharging to the atmosphere.

Emission Source/Control: 76ACT - Process

Emission Source/Control: 76APS - Process

Emission Source/Control: 76DV1 - Process

Emission Source/Control: 76DV2 - Process

Emission Source/Control: 76DV3 - Process

Emission Source/Control: 76TL1 - Process

Emission Source/Control: 76TL2 - Process

Item 489.100(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 772 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 76 processes that vent to atmosphere through sewer vents

Emission Source/Control: 76EAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76WAS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76EHC - Process

Emission Source/Control: 76EHY - Process

Emission Source/Control: 76ERC - Process

Emission Source/Control: 76SKC - Process

Emission Source/Control: 76WFK - Process

Emission Source/Control: 76WHC - Process

Emission Source/Control: 76WHR - Process

Emission Source/Control: 76WHY - Process

Item 489.101(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 776 Source Classification Code: 3-01-999-99
Process Description:
Building 78 storage tanks working and breathing losses.

Emission Source/Control: 78CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78D4T - Process

Item 489.102(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 777 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 24 processes that vent to chemical sewer

Emission Source/Control: 24CHT - Process

Emission Source/Control: 24DRE - Process

Emission Source/Control: 24HT1 - Process

Emission Source/Control: 24HT2 - Process

Emission Source/Control: 24HTS - Process
Design Capacity: 400 gallons

Item 489.103(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 782 Source Classification Code: 3-01-999-99
Process Description:
Building 37 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket. Additionally, some tanks also have a pressure control valve present. These sources belong to emission unit C-27018.

Emission Source/Control: 37CV0 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVL - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVM - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37VC2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 36ST4 - Process

Emission Source/Control: 37AST - Process

Emission Source/Control: 37NHT - Process

Emission Source/Control: 37ST0 - Process

Emission Source/Control: 37ST1 - Process

Emission Source/Control: 37ST2 - Process

Emission Source/Control: 37ST9 - Process

Emission Source/Control: 37STB - Process

Emission Source/Control: 37STC - Process

Emission Source/Control: 37STT - Process

Emission Source/Control: 37TAN - Process

Emission Source/Control: FE101 - Process

Emission Source/Control: RHSTE - Process

Item 489.104(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 785 Source Classification Code: 3-01-999-99
Process Description:
The poly kettles solvent decantor tank vents directly to atmosphere at EP 32035.

Emission Source/Control: PKSDT - Process

Item 489.105(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 786 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer vacuum cleaner vents directly to atmosphere at EP 32038.

Emission Source/Control: 32DMX - Process

Item 489.106(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 787 Source Classification Code: 3-01-999-99
Process Description:
The emulsion system includes blend tanks, premix tanks and silos. The system may make products subject to 40 CFR 63 subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs are tracked under monthly MON MACT batch tracking and managed as described in process MN1. The north blend tank vents through EP 37815. The south blend tank vents through EP 37817. The north emulsion silo vents through EP 37818. The north emulsion silo vents through EP 37819. The north and south emulsion blend tanks as well as the north and south premix tanks vent through EP 37704. The north premix tank vents through EP 37806 and the south premix tank vents through EP 37816. This process also includes any associated cleanouts.

Emission Source/Control: 37BL1 - Process

Emission Source/Control: 37BL2 - Process

Emission Source/Control: 37EM1 - Process

Emission Source/Control: 37EM2 - Process

Emission Source/Control: 37NEB - Process

Emission Source/Control: 37NEP - Process

Emission Source/Control: 37PM1 - Process

Emission Source/Control: 37PM2 - Process

Emission Source/Control: 37SEB - Process

Emission Source/Control: 37SEP - Process

Item 489.107(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 788 Source Classification Code: 3-02-999-99
Process Description:
Building 24A storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 24CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23APS - Process
Design Capacity: 6,000 gallons

Emission Source/Control: 24ST1 - Process

Emission Source/Control: 24ST2 - Process

Emission Source/Control: 24ST3 - Process

Emission Source/Control: 24ST4 - Process

Emission Source/Control: CL901 - Process
Design Capacity: 3,000 gallons

Item 489.108(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 790 Source Classification Code: 3-01-999-99
Process Description:
Building 24A drums and mix tank that vent to atmosphere. The acid charge drum vents to atmosphere at EP 24952. The KOH drum vents to atmosphere at EP 24953. The HCl Mix Tank vents to atmosphere at EP 24417.

Emission Source/Control: 24ACD - Process

Emission Source/Control: 24HMT - Process

Emission Source/Control: 24KOD - Process

Item 489.109(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 792 Source Classification Code: 3-01-999-99
Process Description:
The west filter aid hopper for the MQ Resins system vents to atmosphere at EP 24120. The silicate mix tank vents to atmosphere at EP 24978.

Emission Source/Control: 24FAH - Process

Emission Source/Control: 24SMT - Process

Item 489.110(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 794 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 71 processes that vent to atmosphere through sewer vents. This includes the 1M Hydrolyzer system that vents to an eductor system and then to the chem sewer. The 1M system includes the hydrolyzer, receiver, condenser and a 3 stage ejector educter system. The system may make products subject to 40 CFR 63 subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs are tracked un monthly MON MACT batch tracking and managed as described in process MN1.

Emission Source/Control: 1MHSC - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71HYS - Control

Control Type: WET SCRUBBER

Emission Source/Control: 71VCS - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: 71FR1 - Process

Emission Source/Control: 71FR2 - Process

Emission Source/Control: 71FSC - Process

Emission Source/Control: 71FSR - Process

Emission Source/Control: 71FWT - Process

Emission Source/Control: 71HY3 - Process
Design Capacity: 3,000 gallons

Emission Source/Control: 71HZR - Process
Design Capacity: 1,000 gallons

Emission Source/Control: 71SIL - Process
Design Capacity: 1,500 gallons

Emission Source/Control: 71SL1 - Process

Emission Source/Control: 71SV1 - Process

Emission Source/Control: 71SWT - Process
Design Capacity: 1,500 gallons

Item 489.111(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 795 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent to the atmosphere. Elephant trunk systems vent through EP 31047.

Emission Source/Control: 31ES4 - Process

Item 489.112(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 816 Source Classification Code: 3-01-999-99
Process Description: Building 64 surge tank vents to the atmosphere.

Emission Source/Control: 64GST - Process

Item 489.113(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 817 Source Classification Code: 3-01-999-99
Process Description:
The AlCl3 addition system includes a transporter, cartridge filters, and bin. The AlCl3 transporter vents through a cartridge filter prior to discharging to atmosphere at EP 64006. The Upper AlCl3 Bin vents through a cartridge filter prior to discharging to atmosphere at EP 64007.

Emission Source/Control: 64ATF - Control
Control Type: PAPER FILTER

Emission Source/Control: 64UAF - Control
Control Type: PAPER FILTER

Emission Source/Control: 64ALT - Process

Emission Source/Control: 64UAL - Process

Item 489.114(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: 821 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 65 processes that vent to the atmosphere through sewer vents

Emission Source/Control: 65HRB - Process

Emission Source/Control: 65RX1 - Process

Emission Source/Control: 65VT1 - Process

Emission Source/Control: 65WVP - Process

Item 489.115(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MN1 Source Classification Code: 3-01-999-99
Process Description:
This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit C-27018 that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of

Materials (FOM) basis. The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN1 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams. Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents. Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN1 are, therefore, included in the emissions for individual Process codes.

Emission Source/Control: MCPU1 - Process

Item 489.116(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L01 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart SS [63.983(a, b, c & d), 63.990(a & b), 63.996, 63.996(d), 63.998(a)(2), 63.998(b & c), 63.998(c)(1 & 2) & 63.998(d)(1)]

EU-C27018: Proc - 013, 022-026, 040, 047, 083, 090, 108 & 715
EU-C27035: Proc - 056
EU-FINISH: Proc - 053 & 081

Emission Source/Control: L0001 - Process

Item 489.117(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L02 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart SS [63.988(a), 63.988(b)]

EU-C27018: Proc - 023-026, 083, 090 & 715

Emission Source/Control: L0001 - Process

Item 489.118(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L03 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart UU [63.1019, 63.1022, 63.1023(a, b & c), 63.1023(e), 63.1024(a, c, d, e & f), 63.1025(b, c & d), 63.1025(e)(1, 2 & 3), 63.1026, 63.1026(b)(4), 63.1026(e), 63.1027(b), 63.1027(e)(1 & 2), 63.1028, 63.1029, 63.1030, 63.1031(f), 63.1032, 63.1033, 63.1035, 63.1036, 63.1038(b & c) & 63.1039(a & b)]:

EU-C27018: Proc - 220, Source FUGM1

EU-C27035: Process - 221, Source FUGM2.

EU-FINISH: Processes - 222, Source FUGM3.

Emission Source/Control: L0001 - Process

Item 489.119(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L04 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part 212.10(c)(4)(i):

EU-FINISH: EPs - 24946, 32028, 71013, 76006 & 85008.

EU-C27018: EPs - 31037, 62007, 76001, 23002, 24947, 31036.

Emission Source/Control: L0001 - Process

Item 489.120(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L05 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part

212.10(c)(4)(iii):

EU-C27018: EPs - 24806, 62005 & 62011.

EU-W97004: EPs - 97004, 97005, 97011, 97012, 97017, 97020 & 97021.

EU-FINISH: EPs - 32040, 32042, 32044, 32049 & 32050.

Emission Source/Control: L0001 - Process

Item 489.121(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L06 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points subject to Part 212.4(c) & Part 212.6(a):

EU-FINISH: EPs - 31001, 3200(1, 2, 6, 7, 8 & 9), 3201(6 & 7), 3300(2, 3, 4), 42012, 85002 & 85057.

EU-C27018: EPs - 14006, 24120, 24132, 31002, 31003, 31022, 31030, 32038, 37707, 37934, 55001, 57001, 57002, 57003, 61801, 62005, 62007,62011, 78005, 97001, 97002 & 97003.

EU-C61007: EPs - 61007, 61008, 61009 & 61010.

EU-C62014: EPs - 68001, 68002, 68003 & 68004.

EU-W97004: EP - 95002.

EU-T13004: EPs 13007, 13011, 13013.

Exempt vents under
201-3.2(c)(27): 13007
(44): 13011, 13012, 13013, 13015
(40): 13016
(27): 31001, 31002, 32001, 32021, 42007, 85057

32046 (controlled emissions from EPs 32023,

32024, 32011-32015) (Process 111)
85045 (Proc 182)
85046 (Process 175)

No reference to these EPs in the flow diagrams - 32002, 68005

Emission Source/Control: L0001 - Process

Item 489.122(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L07 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points & Processes subject to Part 227-1.3(a):

EU-HOFURN

EU-U28002: Proc - 408 & 409.

EU-U28003: Proc - 412, 413, 414, 415, 416 & 417.

EU-C62008: EPs - 55005, 57004, 65001.

Emission Source/Control: L0001 - Process

Item 489.123(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L08 Source Classification Code: 3-01-999-99
Process Description:
List of Emission Points, Processes & Emission Sources subject to Part 229.5(d):

EU-C27018: WWT39, WWT40, 62T59, 62TBA & 76ACW.

EU-W97004: 97NEU, 97NTK, 97SEP, NPSST, WW26A, WW26B, WWT61 & WWT62.

EU-FINISH: 23APS, 37APS & 76PTA.

Emission Source/Control: L0001 - Process

Item 489.124(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L09 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to Part 229.3(e)(2)(v) which emit through EU C-27018 Processes 422 or 424:

EU: W-97004: Process 705 ES/C WWT39, WWT26A & WWT26B.

Emission Source/Control: L0001 - Process

Item 489.125(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L10 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to Part 229.3(e)(2)(iv) which emit through EU C-27018 Processes 422 or 424:

EU: W-97004: Process 705 ES/C WWT40, WWT61 & WWT62.

Emission Source/Control: L0001 - Process

Item 489.126(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L11 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart G Sections 139(c), 140, 143(e) & 143(g) which emit through EU C-27018 Processes 422, 424 or 425:

EU: W-97004: Process 705 ES/C MMNAS & MMSAS.

Emission Source/Control: L0001 - Process

Item 489.127(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L12 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63 Subpart G Sections 114(a)(4)(ii) which emit

through EU C-27018 Processes 422 or 423
ES/C RKICS:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.128(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L13 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(ii) which emit
through EU C-27018 Processes 424, 425, 427,
428 or 429 and ES/C FBCS1:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.129(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L14 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(ii) which emit
through EU C-27018 Processes 424, 425, 427,
428 or 429 and ES/C FBCS2:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.130(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L15 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(4)(i) which emit
through EU C-27018 Processes 422, 423, 424,
425, 427, 428 or 429 and ES/C IWS11, IWS12,
IWS21, IWS22, IWS1A, IWS1B, IWS2A or
IWS2B:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.131(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L16 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(1)(i) which emit
through EU C-27018 Processes 424 and ES/C
93FBI:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.132(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L17 Source Classification Code: 3-01-999-99
Process Description:
List of Processes subject to 40 CFR 63
Subpart G Sections 114(a)(1)(i) which emit
through EU C-27018 Processes 424 and ES/C
96RKI:

EU: C-27018: Process 090.

Emission Source/Control: L0001 - Process

Item 489.133(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-LISTS
Process: L18 Source Classification Code: 3-01-999-99
Process Description:
List of Emergency Generators under
Emission Unit E-GNRTR:

Generators < 500 HP [subject to 40 CFR 63
Subpart ZZZZ (RICE MACT)];

Emission Point	Emission Source
28010	28EG1
28011	28EG2
28012	28EG3
80002	80EG1
80003	80EG2
85064	85EG1
97037	GEN01
97025	952E1

97026	952E2
51002	51EG3
51003	51EG4
97033	

FFPD4

Generators > 500 HP (Exempt under Subpart ZZZZ);

Emission Point	Emission Source
86003	86EG1
86004	86EG2
97032	

FFPD3

Emission Source/Control: L0001 - Process

Item 489.134(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 029 Source Classification Code: 3-01-999-99
Process Description:
The endcapper system makes fluids. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The endcapper system vents to atmosphere through the vent head at EP 85906 or EP 85907.

Emission Source/Control: 85CSC - Process

Emission Source/Control: 85GC5 - Process

Item 489.135(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 053 Source Classification Code: 3-01-999-99
Process Description:
This process represents FOM 053, which is a miscellaneous organic chemical manufacturing unit (MCPU) that is regulated under 40 CFR Part 63, Subpart FFFF (Miscellaneous Organic Chemical Manufacturing)

Emission Source/Control: 76CSS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76BTC - Process

Emission Source/Control: 76COO - Process

Emission Source/Control: 76HLD - Process

Emission Source/Control: 76RET - Process

Emission Source/Control: 76TWV - Process

Item 489.136(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 058 Source Classification Code: 3-01-999-99
Process Description:
The Banbury I system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42001 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM1 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42RM1 - Process

Item 489.137(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 059 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 2 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42002 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM2 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42RM2 - Process

Item 489.138(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 060 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 3 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mill vents through EP 42003 and the mixer vents through EP 42012. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018. The drum feed station vents through EP 42021. The liquid add station vents through EP 42020.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM3 - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DFS - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42DS2 - Process

Emission Source/Control: 42RM3 - Process

Item 489.139(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 061 Source Classification Code: 3-01-999-99
Process Description:
Doughmixer 8 is a batch system that includes the vent condenser, receiver, conservation vent, exhaust system, doughmixer, and a light ends drum. The doughmixer may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. The doughmixer 8 and light ends drum vent through an exhaust system (EP 32016). Doughmixer 8 can also vent through the vent system (EP 32042). This process includes any associated cleanouts.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV8 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM8 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM8ES - Process

Emission Source/Control: DMXR8 - Process

Item 489.140(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 063 Source Classification Code: 3-01-999-99
Process Description:
The Banbury 4 system includes a mill, tiller hopper, extruder and mixer. It is a batch system used to make silicone rubber. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR 63, Subpart FFFF are tracked under monthly MON MACT batch tracking and managed in process MN3. This process includes any associated cleanouts. The mixer vents through EP 42012. Silicone Rubber Mill 4 vents through EP 42004. The decanter vents through EP 42013. The Banbury Mixer vents through EP 42014. The drum purge vents through EP 42017. The drum purge manifold vents through EP 42018.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BM4 - Process

Emission Source/Control: 42BMX - Process

Emission Source/Control: 42BPD - Process

Emission Source/Control: 42DMP - Process

Emission Source/Control: 42DPM - Process

Emission Source/Control: 42DS1 - Process

Emission Source/Control: 42RM4 - Process

Item 489.141(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 064 Source Classification Code: 3-01-999-99
Process Description:
Doughmixer 3 is a batch mixer used in the production of various products including products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MON. Doughmixer 3 vents through a conservation vent to EP 32006. This process includes any associated cleanouts.

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMCV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 32WTD - Process

Emission Source/Control: DMXR3 - Process

Item 489.142(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 065 Source Classification Code: 3-01-999-99
Process Description:
The banbury filler vents, cyclone separator, bag dump stations, general vacuum system and hoffman vacuum systems are included in this process. Particulate emissions from these sources vent through a dust collector to EP 42012.

Emission Source/Control: 42BAN - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33BFV - Process

Emission Source/Control: 33CYC - Process

Emission Source/Control: 33GVS - Process

Emission Source/Control: 33HOF - Process

Emission Source/Control: 33HVS - Process

Emission Source/Control: 42PRH - Process

Item 489.143(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 081 Source Classification Code: 3-01-999-99
Process Description:
The phenyl tetramer system consists of a hydrolyzer, condenser, knockout tank, receiver, dryer, product centrifuges, crystallizer, hopper, weigh tanks and hold tank. The phenyl tetramer system makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process also includes any cleanouts. The phenyl tetramer hydrolyzer vents to a

condenser system to atmosphere at EP 37001 or EP 37074. The phenyl tetramer dryer vents to atmosphere through a dust collector at EP 37005. The product centrifuges vent directly to atmosphere at EP 37003 and EP 37048. The crude centrifuges vent directly to atmosphere at EP 37049 and EP 37050. The crystallizer vents through a condenser to atmosphere at EP 37016. The hold tank vents directly to atmosphere at EP 37047. The centrifuge and hopper vent to atmosphere through EP 37701.

Emission Source/Control: 37PHC - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: 37PHV - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 37TDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 37CCD - Process

Emission Source/Control: 37DCF - Process

Emission Source/Control: 37DST - Process

Emission Source/Control: 37PCF - Process

Emission Source/Control: 37PHO - Process

Emission Source/Control: 37PST - Process

Emission Source/Control: 37PTC - Process

Emission Source/Control: 37PTD - Process

Emission Source/Control: 37PTH - Process

Emission Source/Control: 37PTT - Process

Item 489.144(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 102 Source Classification Code: 3-01-999-99
Process Description:
The TFK 2 (treated filler kettle 2) system consists of the TFK 2 kettle, light ends receiver, condenser and recovery system. The treated filler system is a batch system that produces various grades of treated filler. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this

system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The TFK 2 system vents through EP 32026.

Emission Source/Control: 32TV1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: FTKR2 - Process

Item 489.145(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 111 Source Classification Code: 3-01-999-99
Process Description:
The vent dust collection system captures the particulates that escape from the atmospheric vents on TFK 1, TFK 2, TFK3, hoppers 1 through 5 as well as silos 1 through 6. This process also includes any associated cleanouts. Particulates vent through the dust collector EP 32046.

Emission Source/Control: 32TWH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 30FS1 - Process

Emission Source/Control: 30FS2 - Process

Emission Source/Control: 30FS4 - Process

Emission Source/Control: 30FS5 - Process

Emission Source/Control: 30FS6 - Process

Emission Source/Control: 31OMS - Process

Emission Source/Control: 32FS3 - Process

Emission Source/Control: 32WH1 - Process

Emission Source/Control: 32WH2 - Process

Emission Source/Control: 32WH3 - Process

Emission Source/Control: 32WH4 - Process

Emission Source/Control: 32WH5 - Process

Emission Source/Control: TFK02 - Process

Emission Source/Control: TFK03 - Process

Item 489.146(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 136 Source Classification Code: 3-01-999-99
Process Description:
Alkoxy catalyst feed tank, tote/drum stations, drum transfer stations, miscellaneous totes, hydride catalyst feed tank and the MTMS feed tank vent through conservation vents consisting of a nitrogen blanket, PCV and/or flame arrestor before discharging through EP 33024. The acetoxy feed tank vents through a conservation vent at EP 33016.

Emission Source/Control: 33CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30ST1 - Process

Emission Source/Control: 30ST2 - Process

Emission Source/Control: 33AFT - Process

Emission Source/Control: 33DTS - Process

Emission Source/Control: 33ES4 - Process

Emission Source/Control: 33GAP - Process

Emission Source/Control: 33HCT - Process

Emission Source/Control: 33ST1 - Process

Emission Source/Control: 33TDS - Process

Emission Source/Control: 33TWS - Process

Item 489.147(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 157 Source Classification Code: 3-01-999-99
Process Description:
The TFK 3 (treated filler kettle 3) system consists of

the kettle, light ends receiver, condenser, recovery system, scrubber and weigh tanks. The treated filler system is a batch system that produces various grades of treated filler. It may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3 This process includes any associated cleanouts. The TFK 3 system vents through EP 32027. The light ends receiver system can also vent through EP 32028 (either using the scrubber or not) prior to venting. The tank loading Station vents through the scrubber (EP 32028).

Emission Source/Control: 32CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 32PGA - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 32TV2 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30TLS - Process

Emission Source/Control: FTKH2 - Process

Emission Source/Control: FTKR4 - Process

Item 489.148(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 168 Source Classification Code: 3-01-999-99
Process Description:
The east resin system consists of equipment from the east and south systems which includes wash tanks, receivers, condensers, body kettles, filter aid kettles, precoat tanks, blend tanks, hydrolyzers and weigh tanks. The east resin system makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. The south wash tank vents directly to atmosphere through EP 24205. The east hydrolyzer system vents to atmosphere through EP 24302. The east wash tank vents to atmosphere through EP 24305. The east body kettle vents through a condenser and receiver to atmosphere at EP 24308. The #4 Filter aid kettle vents to atmosphere through EP 24309. The east blend tank vents directly to atmosphere at EP

24311. The east silane weigh tank vents to atmosphere at EP 24312. The east body kettle, south wash tank, premix tank, wash tank, east hydrolyzer, blend tank, south body kettle vent through a receiver and condenser to atmosphere at EP 24413. The #5 FAK tank vents directly to atmosphere at EP 24704. The south hydrolyzer vents through the east and south hydrolysis packed gas absorption to atmosphere at EP 24945. The south body kettle receiver can vent through a hotwell and vacuum ejectors to atmosphere at EP 29455 or EP 24956. The south FAK vents through 24409. The resins weigh tank vents to atmosphere at EP 24404. The East hydrolyzer vents through the east and south scrubbers to atmosphere at EP 24944. The #12 FAK vents to atmosphere at EP 24702. This process includes any associated cleanouts.

Emission Source/Control: 24ESS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 24EVR - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24HWE - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: 24PGA - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 24SRV - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 24VC1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24AID - Process

Emission Source/Control: 24BC1 - Process

Emission Source/Control: 24BC2 - Process

Emission Source/Control: 24BD1 - Process

Emission Source/Control: 24BD2 - Process

Emission Source/Control: 24BLE - Process

Emission Source/Control: 24BR1 - Process

Emission Source/Control: 24BR2 - Process

Emission Source/Control: 24EBK - Process

Emission Source/Control: 24EHY - Process

Emission Source/Control: 24EST - Process

Emission Source/Control: 24EWT - Process

Emission Source/Control: 24FOK - Process

Emission Source/Control: 24HCO - Process

Emission Source/Control: 24N12 - Process
Design Capacity: 500 gallons

Emission Source/Control: 24NO5 - Process

Emission Source/Control: 24PMT - Process

Emission Source/Control: 24SHT - Process

Emission Source/Control: 24SOU - Process

Emission Source/Control: 24SWT - Process

Emission Source/Control: 24WTA - Process

Item 489.149(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 170 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 9 system includes the vent condenser, receiver, conservation vent, exhaust system, doughmixer and a light ends drum. The doughmixer may make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. The doughmixer 9 and light ends drum vent through an exhaust system (EP 32017). This process includes any associated cleanouts. Doughmixer 9 can also vent through the vent system (EP 32050).

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV9 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30D9D - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM9ES - Process

Emission Source/Control: DMXR9 - Process

Item 489.150(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 171 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 7 system includes the a vent condenser, receiver, exhaust system, doughmixer, and the 81904LT drum. The doughmixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. The doughmixer 7, 81904LT drum and light ends drum vent through an exhaust system (EP 32009). This process includes any associated cleanouts. Doughmixer 7 can also vent through the vent system (EP 32049).

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DMXV7 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM7 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DM7ES - Process

Emission Source/Control: DMXR7 - Process

Item 489.151(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 173 Source Classification Code: 3-01-999-99
Process Description:
The TFE system is a continuous batch system that consists of the light ends tank, tanker slots, feed tanks, deaerator, preheaters , surge tank, process condenser, vacuum system, catalyst bomb and charge tank. It may make products subject to 40 CFR 63 Subpart FFFF as well as

non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process may operate in two different modes: initial startup, as well as a semi-continuous operation. This process includes any associated cleanouts. The TFE system vents through EPs 78008, 78021, 78022, 78023, 78033, 78034, 78035.

Emission Source/Control: 78CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 78VME - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 78CB1 - Process

Emission Source/Control: 78CCT - Process

Emission Source/Control: 78DT1 - Process

Emission Source/Control: 78ET1 - Process

Emission Source/Control: 78GDT - Process

Emission Source/Control: 78LED - Process

Emission Source/Control: 78LET - Process

Emission Source/Control: 78NFT - Process

Emission Source/Control: 78SFT - Process

Emission Source/Control: 78TFE - Process

Emission Source/Control: 78TR3 - Process

Item 489.152(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 174 Source Classification Code: 3-01-070-02
Process Description:
The doughmixer 6 system includes a condenser, receiver, conservation vent, exhaust system, doughmixer, ECH drum and a light ends drum. The doughmixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. Doughmixer 6, the ECH drum and the light ends drum vent through an exhaust system (EP 32008). This process includes any associated cleanouts. Doughmixer 6 can also vent through the vent system (EP 32040).

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DM6ES - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: DMXV6 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM6 - Process

Emission Source/Control: 30DME - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DMXR6 - Process

Item 489.153(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 175 Source Classification Code: 3-01-999-99
Process Description:
The WP-3 System includes an extruder, knockout pot gravity feeders, drumming stations, water separator, hoppers and vacuum system. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. The WP-3 system vents through a dust collector (EP 85002). The extruder can also vent through a water separator system to EP 85013. The high speed drumming line for the WP-3 system vents

through vent header to EP 85906 or EP 85907. The southwest hopper vents through a dust collector to atmosphere at EP 85067. The northwest hopper vents through a dust collector to atmosphere at EP 85068.

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NE1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NW1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85NW2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85SW1 - Control
Control Type: DYNAMIC SEPARATOR (DRY)

Emission Source/Control: 85BER - Process

Emission Source/Control: 85DRM - Process

Emission Source/Control: 85GRV - Process

Emission Source/Control: 85HOP - Process

Emission Source/Control: 85NE2 - Process

Emission Source/Control: 85NWH - Process

Emission Source/Control: 85PTA - Process

Emission Source/Control: 85SEH - Process

Emission Source/Control: 85SWH - Process

Emission Source/Control: 85VCS - Process

Emission Source/Control: 85VP2 - Process

Emission Source/Control: 85WP3 - Process

Item 489.154(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 176 Source Classification Code: 3-01-999-99
Process Description:
The WP-1 system consists of storage/feed tanks, delivery pumps, hoppers, silos and extruder used to make RTV

sealants. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The WP-1 system vents through a dust collector (EP 33004) or through EP 33017.

Emission Source/Control: 33SHB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33EHB - Process

Emission Source/Control: 33F12 - Process

Emission Source/Control: 33F58 - Process

Emission Source/Control: 33FDF - Process

Emission Source/Control: 33FF1 - Process

Emission Source/Control: 33OMS - Process

Emission Source/Control: 33SSF - Process

Emission Source/Control: 33WDD - Process

Emission Source/Control: 33WF1 - Process

Emission Source/Control: 33WF2 - Process

Emission Source/Control: 33WP1 - Process

Emission Source/Control: 33WP2 - Process

Emission Source/Control: 33WP3 - Process

Emission Source/Control: 33WP4 - Process

Emission Source/Control: 33WP5 - Process

Emission Source/Control: 33WPF - Process

Emission Source/Control: 33WV1 - Process

Item 489.155(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 177 Source Classification Code: 3-01-999-99
Process Description:

The WP-4 system consists of storage/feed tanks, delivery pumps, hoppers and an extruder used to make RTV sealants. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked and managed under monthly MON MACT batch tracking as described in Process MN3. This process also includes any associated cleanouts. The WP-4 system vents through a dust collector (EP 33004) or through EP 33017.

Emission Source/Control: 33SHB - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33EHB - Process

Emission Source/Control: 33F12 - Process

Emission Source/Control: 33F58 - Process

Emission Source/Control: 33FDF - Process

Emission Source/Control: 33FF4 - Process

Emission Source/Control: 33SSF - Process

Emission Source/Control: 33WDD - Process

Emission Source/Control: 33WP1 - Process

Emission Source/Control: 33WP2 - Process

Emission Source/Control: 33WP3 - Process

Emission Source/Control: 33WP4 - Process

Emission Source/Control: 33WP5 - Process

Emission Source/Control: 33WPH - Process

Emission Source/Control: 33WV2 - Process

Item 489.156(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 182 Source Classification Code: 3-01-999-99
Process Description:
The WP-2 System includes an extruder, knockout pot gravity feeders, drumming stations, water separator, hoppers and vacuum system. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT

products. Products made on this system that include HAPs and are subject to 40 CFR 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The WP-2 system vents through a dust collector (EP 85002). The extruder can also vent through a water separator system to EP 85004. The hopper vents through the south dust collector to EP 85045. The southwest hopper vents through a dust collector to atmosphere at EP 85067.

Emission Source/Control: 85CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85SDC - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85BER - Process

Emission Source/Control: 85DRM - Process

Emission Source/Control: 85GC1 - Process

Emission Source/Control: 85GC2 - Process

Emission Source/Control: 85GC3 - Process

Emission Source/Control: 85GC4 - Process

Emission Source/Control: 85GC6 - Process

Emission Source/Control: 85GRV - Process

Emission Source/Control: 85HOP - Process

Emission Source/Control: 85PTA - Process

Emission Source/Control: 85SFH - Process

Emission Source/Control: 85VCS - Process

Emission Source/Control: 85VP1 - Process

Emission Source/Control: 85WP2 - Process

Item 489.157(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: 183 Source Classification Code: 3-01-999-99
Process Description:
The doughmixer 5 system includes the condenser, receiver, conservation vent, exhaust system, doughmixer and a light ends drum. The doughmixer makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process includes any associated cleanouts. Doughmixer 5 and the light ends drum vent through an exhaust system (EP 32007). Doughmixer 5 can also vent through the vent system (EP 32044).

Emission Source/Control: 32CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: DM5ES - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: DMXV5 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 30DM5 - Process

Emission Source/Control: 32WTD - Process

Emission Source/Control: DMXR5 - Process

Item 489.158(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 190 Source Classification Code: 3-01-999-99
Process Description:
The treated filler kettle (TFK) 4 system is a batch system that includes treated filler kettle, knockout tank and spray column. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process also includes any associated cleanouts. The TFK 4 system vents through a spray column to EP 85008. The extruder can also vent through a water separator system to EP 85013.

Emission Source/Control: 85CVC - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85TST - Control

Control Type: SPRAY TOWER

Emission Source/Control: 85TF4 - Process

Emission Source/Control: 85TF5 - Process

Emission Source/Control: 85TWT - Process

Item 489.159(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 191 Source Classification Code: 3-01-999-99
Process Description:
The treated filler kettle (TFK) 5 system is a batch system that includes the treated filler kettle, receiver, heat exchanger and overhead condenser. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process MN3. This process includes any associated cleanouts. The TFK 5 system vents through a spray column to EP 85008. The extruder can also vent through a water separator system to EP 85013.

Emission Source/Control: 85TST - Control
Control Type: SPRAY TOWER

Emission Source/Control: 85KOT - Process

Emission Source/Control: 85TK5 - Process

Item 489.160(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 203 Source Classification Code: 3-01-026-30
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM3 - Process

Item 489.161(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 204 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM3 - Process

Item 489.162(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 207 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM3 - Process

Item 489.163(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 212 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of MON maintenance wastewater streams from unit F-INISH that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM3 - Process

Item 489.164(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 215 Source Classification Code: 3-01-820-10
Process Description:

This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW3 - Process

Item 489.165(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 219 Source Classification Code: 3-01-070-02
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit F-INISH that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PT3 - Process

Item 489.166(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 222 Source Classification Code: 3-01-999-99
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the unit F-INISH processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each piece of equipment to which Subpart UU applies is identified in the LeakDAHS system.

Emission Source/Control: FUGM3 - Process

Item 489.167(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: 708 Source Classification Code: 3-01-026-30
Process Description:
The Molding Compounds Area Solids Handling Baghouse 2 vents through EP 33002. The grinding conveying dust pick up vents through the Molding Compounds Area Solids Handling Baghouse 3 vents to atmosphere at EP 33003. The pill room exhaust hoods vent through the Molding Compounds Area Solids Handling Baghouse 1 to atmosphere at EP 31003.

Emission Source/Control: 31MB1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33MB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 33MB3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 31PRE - Process

Emission Source/Control: 33GCD - Process

Item 489.168(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 729 Source Classification Code: 3-01-026-30
Process Description:
Transfer Truck loading/unloading vents to atmosphere through a scrubber.

Emission Source/Control: 71TTL - Control
Control Type: WET SCRUBBER

Emission Source/Control: 71TWL - Process

Item 489.169(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 751 Source Classification Code: 3-01-999-99
Process Description:
Building 23 and Building 23 Tank Farm storage tank working and breathing losses that vent to atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 23CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 23AST - Process

Emission Source/Control: 23IST - Process
Design Capacity: 15,000 gallons

Emission Source/Control: 23SSS - Process
Design Capacity: 20,000 gallons

Emission Source/Control: 23TST - Process
Design Capacity: 8,000 gallons

Emission Source/Control: BK701 - Process

Emission Source/Control: BK801 - Process

Emission Source/Control: BK901 - Process

Emission Source/Control: BL001 - Process

Item 489.170(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 762 Source Classification Code: 3-01-999-99
Process Description:
Building 27 storage tank working and breathing losses that vent to the atmosphere at EP 27010. All tanks have a nitrogen blanket.

Emission Source/Control: FSTAK - Process

Item 489.171(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 771 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 24 processes that vent to chemical sewer

Emission Source/Control: 24HWE - Control
Control Type: EJECTOR CONDENSER

Emission Source/Control: 24BR1 - Process

Item 489.172(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 773 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 76 processes that vent to atmosphere through sewer vents

Emission Source/Control: 76CSS - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 76CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 76BTC - Process

Emission Source/Control: 76HLD - Process

Emission Source/Control: 76RCT - Process

Emission Source/Control: 76RET - Process

Emission Source/Control: 76TWV - Process

Item 489.173(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 775 Source Classification Code: 3-01-999-99
Process Description:
Working losses from loading stations vent directly to atmosphere.

Emission Source/Control: 24IPL - Process

Item 489.174(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 778 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 37 processes that vent to atmosphere through sewer vents

Emission Source/Control: 37ATV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37APS - Process

Item 489.175(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 779 Source Classification Code: 3-01-999-99
Process Description:
The west system consists includes a hydrolyzer, condenser, and wash tank. The west resin system makes products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in process MN3. The hydrolzyer condenser vents through EP 24402. The west hydrolyzers can also vent through the east body kettle condenser and receiver to atmosphere at EP 24413. The wash tank has a nitrogen blanket and vents to atmosphere at EP 24405. This process includes any associated cleanouts.

Emission Source/Control: 24N2B - Control
Control Type: NITROGEN BLANKET

Emission Source/Control: 24WAS - Process

Emission Source/Control: 24WBH - Process

Emission Source/Control: 24WHY - Process

Item 489.176(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 780 Source Classification Code: 3-01-999-99
Process Description:
Building 24 Storage tank working and breathing looses that vent to the atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks

also have a pressure control valve and/or flame arrestor present. The 5500 D/E storage tank vents to a vapor bin and then to atmosphere at EP 24972.

Emission Source/Control: 24CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CVB - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24DFA - Process

Emission Source/Control: 24DFD - Process

Emission Source/Control: 24MHC - Process

Emission Source/Control: 24SVB - Process

Item 489.177(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 781 Source Classification Code: 3-01-999-99
Process Description:
Building 37 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket. Additionally, some tanks also have a pressure control valve present. The APS Tank vents through a vent condenser and through the 1500 gallon hydrolyzer condenser system prior to venting to atmosphere at EP 37001 or EP 37074. It can also vent through a vent condenser and vent eductor to atmosphere at EP 37948. These sources belong to emission unit F-INISH.

Emission Source/Control: 37ATV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVD - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVF - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVI - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37CVK - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 37APS - Process

Emission Source/Control: 37STP - Process

Emission Source/Control: 37TK1 - Process

Emission Source/Control: 37TK2 - Process

Emission Source/Control: 37TK3 - Process

Emission Source/Control: 37TK4 - Process

Emission Source/Control: 37TK5 - Process

Emission Source/Control: 37TK6 - Process

Item 489.178(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 789 Source Classification Code: 3-01-999-99
Process Description:
The south system consists of a filter aid kettle, precoat tank, body kettle and blend tanks. The system may make products subject to 40 CFR 63 subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs are tracked un monthly MON MACT batch tracking and managed as described in process MN3. The filter aid kettle vents through a conservation vent to atmosphere at EP 24209. The precoat tank has a conservation vent and vents through EP 24210. The blend tank has a conservation vent and vent to atmosphere at EP 24211. The body kettle vents through the east body kettle receiver and condenser to atmosphere at EP 24413.

Emission Source/Control: 24CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 24BLT - Process

Emission Source/Control: 24FKE - Process

Emission Source/Control: 24PTK - Process

Emission Source/Control: 24SBK - Process

Item 489.179(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 796 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent to the atmosphere. Elephant trunk systems vent through EPs 78036, 78037, 78038 and 78039.

Emission Source/Control: 78DW0 - Process

Emission Source/Control: 78DWL - Process

Emission Source/Control: 78DWV - Process

Emission Source/Control: 78W12 - Process

Item 489.180(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 797 Source Classification Code: 3-01-999-99
Process Description:
Working losses from tanker loading/unloading stations.

Emission Source/Control: 78HTL - Process

Emission Source/Control: 78TR3 - Process

Item 489.181(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 798 Source Classification Code: 3-01-999-99
Process Description:
The high speed drum line system includes process tanks. It may be used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPs and are subject to 40 CFR Part 63 Subpart FFFF, are tracked under monthly MON MACT batch tracking and managed as described in Process

MN3. This process includes any associated cleanouts. The pigment tanks vent through a conservation vent to atmosphere at EP 85058.

Emission Source/Control: 85CVA - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85FPT - Process

Item 489.182(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 799 Source Classification Code: 3-01-999-99
Process Description:
The HSC3 Caulker Filling machine vents to a header and to atmosphere through EP 85908.

Emission Source/Control: 85CF2 - Process

Item 489.183(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 800 Source Classification Code: 3-01-999-99
Process Description:
Building 85 storage tanks working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blanket or are under pressure. Additionally, some tanks also have a pressure control valve present. Some tanks vent directly to atmosphere through the vent header to EP 85906 or EP 85907. Building 85 storage vent through TFK venturi scrubber directly to atmosphere (EP 85001) or to vent header (EP 85906 or 85907).

Emission Source/Control: 85CV1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 85CV2 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 85CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV8 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CV9 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVE - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVG - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85CVH - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 85PCV - Control
Control Type: NITROGEN BLANKET

Emission Source/Control: 85ABT - Process
Design Capacity: 36,000 gallons

Emission Source/Control: 85BST - Process
Design Capacity: 11,000 gallons

Emission Source/Control: 85CT1 - Process

Emission Source/Control: 85CT2 - Process

Emission Source/Control: 85GST - Process

Emission Source/Control: 85PT1 - Process

Emission Source/Control: 85PT2 - Process

Emission Source/Control: 85PT3 - Process

Emission Source/Control: 85PT4 - Process

Emission Source/Control: 85ST2 - Process

Emission Source/Control: 85ST6 - Process

Emission Source/Control: 85ST9 - Process

Emission Source/Control: 85STC - Process

Item 489.184(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 802 Source Classification Code: 3-01-999-99
Process Description:
Building 30 storage tank working and breathing losses that vent to the atmosphere. All tanks have a nitrogen blank. Additionally, some tanks also have a pressure control valve present.

Emission Source/Control: 30CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV6 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 33CV7 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 30LET - Process

Emission Source/Control: 30PT1 - Process

Emission Source/Control: 30PT2 - Process

Emission Source/Control: 30SLT - Process

Emission Source/Control: 33GAP - Process

Emission Source/Control: 33NTS - Process

Emission Source/Control: 33P11 - Process

Emission Source/Control: 33P12 - Process

Emission Source/Control: 33ST2 - Process

Emission Source/Control: 33ST3 - Process

Emission Source/Control: 33ST4 - Process

Item 489.185(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 804 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunk systems capture vapors from drums and other sources and vent through main dust collector to EP 85002.

Emission Source/Control: 85DCS - Control
Control Type: FABRIC FILTER

Emission Source/Control: 85ETS - Process

Item 489.186(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 805 Source Classification Code: 3-01-999-99
Process Description:
The HSRF process includes the HSRF Caulker Filling machine as well as process tanks. The caulker filling machines vent to a header and to atmosphere through EP 85908. The pigment tanks vent through a conservation vent to atmosphere at EP 85058.

Emission Source/Control: 85CF1 - Process

Emission Source/Control: 85FPT - Process

Item 489.187(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 808 Source Classification Code: 3-01-999-99
Process Description:
The 2000 gallon emulsion process includes the silicone oil feed tank, the emulsifier blend tank, the emulsion surge tank and the 2000 gallon emulsion tank. The process receives inputs from Building 37 and/or from in-house (bldg. 41). The system is used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process also includes any associated cleanouts. The 2000 gallon emulsion tank vents through EP 41001. Associated tanks and charging systems vent through EP 41003-41007.

Emission Source/Control: 412MS - Process

Emission Source/Control: 412MT - Process

Emission Source/Control: 41CPC - Process

Emission Source/Control: 41EBT - Process

Emission Source/Control: 41EST - Process

Emission Source/Control: 41FCS - Process

Emission Source/Control: 41FHS - Process

Emission Source/Control: 41SOF - Process

Item 489.188(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 809 Source Classification Code: 3-01-999-99
Process Description:
The 6000 gallon emulsion process includes the silicone oil feed tank, the emulsifier blend tank, the emulsion surge tank and the 6000 gallon emulsion tank. The process receives inputs from Building 37 and/or from in-house (bldg. 41). The system is used to make products subject to 40 CFR 63, Subpart FFFF as well as non MON MACT products. Products made on this system that include HAPS are tracked under monthly MON MACT batch tracking and managed as described in process MN3. This process also includes any associated cleanouts. The 6000 gallon emulsion tank vents through EP 41002. Associated tanks and charging systems vent through EP 41003-41007.

Emission Source/Control: 416MT - Process

Emission Source/Control: 41CPC - Process

Emission Source/Control: 41EBT - Process

Emission Source/Control: 41EST - Process

Emission Source/Control: 41FCS - Process

Emission Source/Control: 41FHS - Process

Emission Source/Control: 41SOF - Process

Item 489.189(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DEG Source Classification Code: 4-01-002-99
Process Description:
Maintenance shop degreasers. Cold cleaning solvent degreasing units that use a petroleum distillate solvent and are subject to requirements under 6 NYCRR Part 226.

Emission Source/Control: 271DG - Process

Emission Source/Control: 28DEG - Process

Emission Source/Control: 291DG - Process

Emission Source/Control: 616PW - Process

Emission Source/Control: BA101 - Process

Emission Source/Control: CY101 - Process

Emission Source/Control: CY201 - Process

Emission Source/Control: GA201 - Process

Emission Source/Control: GA301 - Process

Emission Source/Control: HT401 - Process

Emission Source/Control: HT901 - Process

Emission Source/Control: ID301 - Process

Item 489.190(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: MN3 Source Classification Code: 3-01-999-99
Process Description:
"This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit F-INISH that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of Materials (FOM). The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN3 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams. Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents
Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN3 are, therefore, included in the emissions for individual Process codes".

Emission Source/Control: MCPU3 - Process

Item 489.191(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 056 Source Classification Code: 3-01-999-99
Process Description:
Hydrochloric acid tanks are vented through the HCl tank vent scrubber to EP 27035. This process is subject to requirements under 40 CFR 63, Subparts SS and FFFF.

Emission Source/Control: 27HWT - Control
Control Type: SPRAY TOWER

Emission Source/Control: ABWAT - Process

Emission Source/Control: HCLT1 - Process

Emission Source/Control: HCLT2 - Process

Emission Source/Control: HCLT3 - Process

Emission Source/Control: HCLT4 - Process

Emission Source/Control: HCLT5 - Process

Item 489.192(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 202 Source Classification Code: 3-85-001-10
Process Description:
This process represents heat exchange systems (cooling water) within the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Heat exchange systems subject to Subpart FFFF are summarized in the Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: HXCM2 - Process

Item 489.193(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 206 Source Classification Code: 3-01-026-30
Process Description:
This process represents the management of Group 1 wastewater or residuals in containers. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63,

Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: CONM2 - Process

Item 489.194(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 208 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 wastewater in individual drain systems. The Group 1 wastewater streams are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: IDSM2 - Process

Item 489.195(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 211 Source Classification Code: 3-01-820-10
Process Description:
This process represents the management of MON maintenance wastewater streams from unit C-27035 that are subject to 40 CFR 63, Subpart F.

Emission Source/Control: MWWM2 - Process

Item 489.196(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 214 Source Classification Code: 3-01-999-99
Process Description:
This process represents the management of Group 1 process wastewater in tanks. The Group 1 wastewater is generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater storage tank determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PW2 - Process

Item 489.197(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 218 Source Classification Code: 3-01-070-02
Process Description:
This process represents the treatment of Group 1 wastewater streams and/or residuals removed from Group 1 wastewater streams. The Group 1 wastewater or residuals are generated by the Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in Unit C-27035 that are regulated under 40 CFR Part 63, Subpart FFFF (MON MACT). Group 1 wastewater determinations are included in the Subpart FFFF Notification of Compliance Status (original NOCS dated 10/8/08 and semiannual revisions).

Emission Source/Control: G1PT2 - Process

Item 489.198(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 221 Source Classification Code: 3-01-999-99
Process Description:
This process represents any pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems in the unit C-27035 processes that are subject to the leak detection and repair requirements in 40 CFR 63, Subpart UU for MON MACT (40 CFR 63, Subpart FFFF) compliance. Each piece of equipment to which Subpart UU applies is identified in the LeakDAHS system.

Emission Source/Control: FUGM2 - Process

Item 489.199(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 764 Source Classification Code: 3-01-999-99
Process Description:
Rail cars are vented through Acid Scrubber before venting to atmosphere (EP 27039). The A2/B2 bottoms is directed from the coolers directly to the chemical sewer.

Emission Source/Control: 27RVD - Combustion

Emission Source/Control: 27ABS - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: ABWAT - Process

Item 489.200(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: 765 Source Classification Code: 3-01-999-99
Process Description:
The MeCl railcar loading stations vent through the MeCl rail car eductor (EP 27040)

Emission Source/Control: 27RCE - Process

Emission Source/Control: 27RCS - Process

Item 489.201(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: MN2 Source Classification Code: 3-01-999-99
Process Description:
This process includes all of the individual Miscellaneous Organic Chemical Manufacturing Process Units (MCPUs) in unit C-27035 that are subject to 40 CFR 63, Subpart FFFF (MON MACT). The MCPUs are organized based on a Family of Materials (FOM). The complete list of MCPUs, FOMs and operating scenarios is maintained in the Subpart FFFF Notification of Compliance Status (NOCS). Process MN2 and the Subpart FFFF NOCS include Group 1 process vent streams and controls, storage tanks, transfer racks, and heat exchange systems, as well as the storage, management and treatment of designated Group 1 wastewater streams. Changes to the MON MACT MCPUs, FOMs, or operating scenarios are documented within the NOCS on a semiannual basis and are included in the Subpart FFFF Semiannual reports. Monthly MON MACT batch emission calculations are completed in order to verify the Group 2 status of applicable process vents.
Note: The MON MACT MCPUs utilize equipment and emission points that are already included under the Process codes designated for Title V permitting, which are organized by equipment rather than product. Emissions for Process MN2 are, therefore, included in the emissions for individual Process codes.

Emission Source/Control: MCPU2 - Process

Item 489.202(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: 711 Source Classification Code: 3-99-999-94
Process Description:

The silicon grinding process includes silos, unloading stations, elevators, dust collectors, air slides, return air slides. The unloading elevator vents to a dust collector which vents to the atmosphere at EP 61007. The silo vents, air slides and return slides go to a dust collector which vents to atmosphere at EP 61008. The grinding elevator goes to a dust collector which vents to the atmosphere at EP 61009. Vents from Silos 001, 002 and 003 and the truck unloading station vent to a dust filter then to atmosphere through EP 61010.

Emission Source/Control: NGDC2 - Control
Control Type: DUST COLLECTOR

Emission Source/Control: NGDC4 - Control
Control Type: DUST COLLECTOR

Emission Source/Control: 61AD1 - Process

Emission Source/Control: 61ADR - Process

Emission Source/Control: 61AFP - Process

Emission Source/Control: 61AGE - Process

Emission Source/Control: 61ASV - Process

Emission Source/Control: 61AUE - Process

Emission Source/Control: 61TUC - Process

Emission Source/Control: SGWDC - Process

Item 489.203(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: 768 Source Classification Code: 3-01-999-99
Process Description:

Fines Passivation Process: Fines are mixed with lignin and water for neutralization and hardening in the North and South plow mixers. The plow mixers vent though scrubbers and then to the atmosphere through emission points 61801 and 61802. This process also includes lignin, surfactant and solution make-up tanks, as well as shot hoppers, the FS day hopper, and the fines storage hopper, which supply inputs to the fines passivation process.

Emission Source/Control: 618S2 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 618VF - Control
Control Type: FABRIC FILTER

Emission Source/Control: 618DH - Process

Emission Source/Control: 618MT - Process

Emission Source/Control: 618NF - Process

Emission Source/Control: 618NM - Process

Emission Source/Control: 618SM - Process

Emission Source/Control: 618ST - Process

Emission Source/Control: GF001 - Process

Item 489.204(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: 812 Source Classification Code: 3-01-999-99
Process Description:
Rail car loading blower vents directly to atmosphere.

Emission Source/Control: 618RB - Process

Item 489.205(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: 419 Source Classification Code: 1-02-005-03
Process Description: MCS Hot oil furnaces with limits on #2 fuel oil.

Emission Source/Control: 55HOF - Combustion

Emission Source/Control: 65HOF - Combustion

Emission Source/Control: 67HOF - Combustion

Item 489.206(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: 818 Source Classification Code: 3-01-999-99
Process Description:
The Building 55 MCS 3 atmospheric vents include a catalyst feed hopper, cold oil storage tank, glycol receiver tank, reactor, primary cyclone, and refrigeration

drum. The catalyst feed hopper vents directly to atmosphere at EP 55001. The cold oil storage tank has a conservation vent and vents to atmosphere at EP 55006. The glycol receiver tank has a conservation vent and vents to atmosphere at EP 55007. The reactor normally vents to the FBI or RKI through the TCS vent header and only vents to atmosphere at EP 55008 through a wash water overflow vent during washes only. The secondary refrigeration drums vent to atmosphere through a conservation vent at EP 55009.

Emission Source/Control: 55CV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 55CV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 55CV3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 55PC1 - Control
Control Type: DYNAMIC SEPARATOR (DRY)

Emission Source/Control: 55CHF - Process

Emission Source/Control: 55SRD - Process

Emission Source/Control: 55ST1 - Process

Emission Source/Control: 55ST2 - Process

Item 489.207(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: 820 Source Classification Code: 3-01-999-99
Process Description:
MCS2 atmospheric vents include storage tanks, receiver tank, refrigeration drum, hoppers with dust collectors and a catalyst vacuum transfer system. The north storage hopper and copper feed hopper vent through dust collector prior to venting to atmosphere at EPs 65006 and 65008. The glycol receiver vents directly to atmosphere at EP 65002. The cold HTO storage tank vents to atmosphere at EP 65003. The catalyst transfer vacuum system vents though EP 62008.

Emission Source/Control: 65VF1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: MCS2F - Control
Control Type: FABRIC FILTER

Emission Source/Control: 65CB1 - Process

Emission Source/Control: 65COT - Process

Emission Source/Control: 65FH1 - Process

Emission Source/Control: 65FSH - Process

Emission Source/Control: 65GST - Process

Item 489.208(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: 407 Source Classification Code: 3-01-026-30
Process Description:
The fumed silica operation includes reactors, catalyst containers, HCl absorbers, filters, conveyors, silos, surge drums, scrubber, vacuum bagger and tanks. The fumed silica scrubber system (68FSS) removes chlorine, hydrogen chloride and particulates from the 100 column and then vents through emission point 68001. The scrubber/column are subject to requirements under 40 CFR 63, Subpart NNNNN. The catalyst containers and feed surge drum also vent through the scrubber and then to atmosphere at EP 68001, EP 68008 or EP 68009. The conveyor system and silos vent through a filter and then to atmosphere at EP 68002. The filter vent and vacuum bagger vent to atmosphere through EP 68003. The propylene glycol surge tank vents to atmosphere at EP 68007.

Emission Source/Control: 68FP1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 68FSF - Control
Control Type: FABRIC FILTER

Emission Source/Control: 68FSS - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 100CO - Process

Emission Source/Control: 68CC1 - Process

Emission Source/Control: 68CC2 - Process

Emission Source/Control: 68SD1 - Process

Emission Source/Control: 68VBM - Process

Emission Source/Control: 68VCS - Process

Emission Source/Control: GP201 - Process

Emission Source/Control: GP202 - Process

Item 489.209(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: 813 Source Classification Code: 3-01-999-99
Process Description:
Building 68 storage and surge, solution make-up tank and drum working and breathing losses that vent to the atmosphere.

Emission Source/Control: 68AS1 - Process

Emission Source/Control: 68CT1 - Process

Item 489.210(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: 814 Source Classification Code: 3-01-999-99
Process Description:
Building 68 working losses from loading stations vent directly to atmosphere.

Emission Source/Control: 68TVC - Process

Item 489.211(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: 815 Source Classification Code: 3-01-999-99
Process Description:
Vapors from Building 68 processes that vent to atmosphere through sewer vents.

Emission Source/Control: 68FSS - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 100CO - Process

Emission Source/Control: 68AS1 - Process

Emission Source/Control: 68CC1 - Process

Emission Source/Control: 68CC2 - Process

Emission Source/Control: 68CT1 - Process

Emission Source/Control: 68PGT - Process

Emission Source/Control: 68SD1 - Process

Item 489.212(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: E-GNRTR
Process: 421 Source Classification Code: 2-01-001-02
Process Description:
This process includes the operation of emergency generators.

Emission Source/Control: 28EG1 - Combustion
Design Capacity: 120 horsepower hours

Emission Source/Control: 28EG2 - Combustion
Design Capacity: 425 horsepower hours

Emission Source/Control: 28EG3 - Combustion
Design Capacity: 408 horsepower hours

Emission Source/Control: 51EG3 - Combustion
Design Capacity: 258 horsepower hours

Emission Source/Control: 51EG4 - Combustion
Design Capacity: 258 horsepower hours

Emission Source/Control: 80EG1 - Combustion
Design Capacity: 120 horsepower hours

Emission Source/Control: 80EG2 - Combustion
Design Capacity: 40 horsepower hours

Emission Source/Control: 85EG1 - Combustion
Design Capacity: 82 horsepower hours

Emission Source/Control: 86EG1 - Combustion
Design Capacity: 700 horsepower hours

Emission Source/Control: 86EG2 - Combustion
Design Capacity: 638 horsepower hours

Emission Source/Control: 952E1 - Combustion
Design Capacity: 500 horsepower hours

Emission Source/Control: 952E2 - Combustion
Design Capacity: 500 horsepower hours

Emission Source/Control: FPPD3 - Combustion
Design Capacity: 738 horsepower hours

Emission Source/Control: FPPD4 - Combustion
Design Capacity: 420 horsepower hours

Emission Source/Control: GEN01 - Combustion
Design Capacity: 176 horsepower hours

Item 489.213(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-OFURN
Process: 418 Source Classification Code: 1-02-006-02
Process Description: Operation of Hot Oil Furnaces

Emission Source/Control: 21HOF - Combustion

Emission Source/Control: 35HOF - Combustion

Emission Source/Control: 62HOF - Combustion

Emission Source/Control: 85HOF - Combustion

Item 489.214(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-OFURN
Process: 426 Source Classification Code: 1-02-005-01
Process Description:
Operation of Hot Oil Furnaces with burner replacements

Emission Source/Control: 21HOF - Combustion

Emission Source/Control: 35HOF - Combustion

Item 489.215(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: 742 Source Classification Code: 3-99-999-94
Process Description:
Process development. Emissions from the HCE, LIM, and GUM systems vent through the after condenser to atmosphere at EP 13004, 13005 and 13006.

Emission Source/Control: 13GUM - Process

Emission Source/Control: 13HCE - Process

Emission Source/Control: 13LIM - Process

Emission Source/Control: AB501 - Process

Item 489.216(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: PP0 Source Classification Code: 3-01-999-99
Process Description:
Ventilation to remove vapors from pilot plant systems including a 100 gallon reactor system, a 50 gallon reactor system, a hardcoat system, and a TFE system

Emission Source/Control: 13050 - Process

Emission Source/Control: 13100 - Process

Emission Source/Control: 13HAR - Process

Emission Source/Control: 13TFE - Process

Item 489.217(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: PP1 Source Classification Code: 3-01-999-99
Process Description:
Elephant trunks remove vapors from pilot plant systems including a 100 gallon reactor system, a 50 gallon reactor system, a hardcoat system, and a TFE system. The elephant trunks vent through one of two exhausts located on the east and west sides of the building.

Emission Source/Control: PP050 - Process

Emission Source/Control: PP100 - Process

Emission Source/Control: PPHAR - Process

Emission Source/Control: PPTFE - Process

Item 489.218(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 408 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 13. Boiler 13 was manufactured by Combustion Engineering and has a maximum heat input rating of 122 MMBtu/hr. It is equipped with a low NOx burner and is exhausted to the atmosphere partially through a condensing heat exchanger (EP 28020,) and partially through a steel stack (EP 28002). The boiler is used to generate steam for both process use and space heating. Boiler 13 is classified as a large boiler under

6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: 14CHX - Combustion

Emission Source/Control: BLR13 - Combustion

Emission Source/Control: 13LNB - Control
Control Type: DRY LOW NOx BURNER

Item 489.219(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 410 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 18. Boiler 18 is a Zurn Keystone boiler and has a maximum heat input rating of 308 MMBtu/hr. It is equipped with a low NOx burner and is exhausted to the atmosphere partially through a condensing heat exchanger (EP 28020,) and partially through a steel stack (EP 28006). The boiler is used to generate steam for both process use and space heating. Boiler 18 is classified as a very large boiler under 6NYCRR Part 227-2 as revised 6/2010. Boiler 18 utilizes a CEMS for NOx and is subject to requirements under 40CFR 60 Subpart Db and 6NYCRR Part 243.

Emission Source/Control: 14CHX - Combustion

Emission Source/Control: BLR18 - Combustion

Emission Source/Control: 18LNB - Control
Control Type: DRY LOW NOx BURNER

Item 489.220(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 413 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 15. Boiler 15 was manufactured by Cleaver Brooks and has a maximum heat input rating of 76.9 MMBtu/hr. It is equipped with a low NOx burner and is exhausted directly to the atmosphere through a common stack shared with Boiler 14 (EP 28003). The boiler is used to generate steam for both process use and space heating . Boiler 15 is classified as a mid-size boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: BLR15 - Combustion

Emission Source/Control: 15LNB - Control

Control Type: DRY LOW NOx BURNER

Item 489.221(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 415 Source Classification Code: 1-02-006-01
Process Description:
Natural gas is combusted in Boiler 14. Boiler 14 was manufactured by Babcock and Wilcox and has a maximum heat input rating of 171 MMBtu/hr (125,000 lb/hr steam). It is equipped with a low NOx burner and is exhausted directly to the atmosphere through a common stack shared with Boiler 15 (EP 28003). The boiler is used to generate steam for both process use and space heating. Boiler 14 is classified as a large boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: BLR14 - Combustion

Emission Source/Control: 14LNB - Control
Control Type: DRY LOW NOx BURNER

Item 489.222(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 416 Source Classification Code: 1-02-006-02
Process Description:
Natural gas is combusted in Boiler 17. Boiler 17 is a Keeler boiler with a maximum heat input rating of 49.3 MMBtu/hr (40,000 lb/hr steam). It is exhausted directly to the atmosphere through a steel stack (EP 28004). The boiler is used to generate steam for both process use and space heating. Boiler 17 is classified as a mid-size boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: BLR17 - Combustion

Item 489.223(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: 417 Source Classification Code: 1-02-006-02
Process Description:
Natural gas is combusted in Boiler 16. Boiler 16 is a Keeler boiler with a maximum heat input rating of 49.3 MMBtu/hr (40,000 lb/hr steam). It is exhausted directly to the atmosphere through a steel stack (EP 28005). The boiler is used to generate steam for both process use and space heating. Boiler 16 is classified as a mid-size boiler under 6NYCRR Part 227-2 as revised 6/2010.

Emission Source/Control: BLR16 - Combustion

Item 489.224(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 705 Source Classification Code: 3-99-999-94
Process Description:
WWTP Tank Farm Operation: The WWTP Tank Farm stores and processes liquid wastes such as APS, NPS, silanes and silicones/emulsions that are generated in other production areas of the plant until they can either be incinerated or biologically treated. Silane and slurry tanks (sources WWT61, WWT62, WWT39, WWT40, WW26A, WW26B) at the WWTP are vented through the WTP Tank Farm Vent Header and incinerated in either the RKI (process 422) or the FBI (process 424). The MON MACT Air Strippers (sources MMNAS, MMSAS) , the MON MACT Equalization Tank (source 40KEQ) and the Vent Surge Tank (source WTVST) are also vented through a header to the incinerators. The remaining tanks all have nitrogen blankets and may be equipped with pressure control valves. Some of the tanks may be used to handle Group 1 wastewaters subject to 40CFR 63, Subpart FFFF and are managed as described under Process MN1 and the applicable requirements for processes 213-215 and 217-219.

Emission Source/Control: 97ABV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97BNV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97NTV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97NV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97NV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97TV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97TV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97UV1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97UV2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 40KEQ - Process
Design Capacity: 40,000 gallons

Emission Source/Control: 539AT - Process
Design Capacity: 23,100 gallons

Emission Source/Control: 539BT - Process
Design Capacity: 23,100 gallons

Emission Source/Control: 9728A - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 9728B - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 97HST - Process

Emission Source/Control: 97HT1 - Process

Emission Source/Control: 97HT2 - Process

Emission Source/Control: 97NEU - Process

Emission Source/Control: 97NTK - Process
Design Capacity: 5,000 gallons

Emission Source/Control: 97SEP - Process

Emission Source/Control: CT500 - Process

Emission Source/Control: CT501 - Process

Emission Source/Control: MMNAS - Process

Emission Source/Control: MMSAS - Process

Emission Source/Control: NPSST - Process

Emission Source/Control: WTVST - Process

Emission Source/Control: WW26A - Process

Emission Source/Control: WW26B - Process

Emission Source/Control: WWT39 - Process

Emission Source/Control: WWT40 - Process

Emission Source/Control: WWT61 - Process

Emission Source/Control: WWT62 - Process

Item 489.225(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 745 Source Classification Code: 5-03-007-01
Process Description:

Biological Wastewater Treatment System: The Bio Reactor system is an activated sludge process that receives influents of pretreated wastewater, APS and containment water. Bio Reactors T-20 and T-21 (sources BIOR1, BIOR2) consist of aeration basins and integral clarifiers that are operated in parallel. The overflow from the primary treatment clarifiers and T-507 is stripped and transferred to the Bio Equalization Tank (T-505) prior to flowing to the Bio Reactors. The APS waste is mixed sequentially in three equalization tanks (T-17, T-18, T-19) prior to being used as food in the Bio Reactors. Non-contact cooling water/clean storm water sewers can be diverted to the containment tanks (T-502, T-503, T-504, T-506). The waste sludge subsystem is used to remove excess sludge from the Bio Reactors. The Bio Reactors may be used to handle Group 1 wastewaters subject to 40CFR 63, Subpart FFFF and are managed as described under processes MN1, MN2, and MN3 and the applicable requirements for processes 213-215 and 217-219.

Emission Source/Control: 97EQV - Control
Control Type: CONSERVATION VENT

Emission Source/Control: BIOR1 - Process

Emission Source/Control: BIOR2 - Process

Emission Source/Control: EQUL1 - Process

Emission Source/Control: EQUL2 - Process

Emission Source/Control: EQUL3 - Process

Emission Source/Control: EQUL4 - Process

Emission Source/Control: EQUL5 - Process

Emission Source/Control: SMT01 - Process

Emission Source/Control: SMT02 - Process

Emission Source/Control: TNK17 - Process

Emission Source/Control: TNK18 - Process

Emission Source/Control: TNK19 - Process

Item 489.226(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: 825 Source Classification Code: 3-01-999-99
Process Description:

Primary Wastewater Treatment Plant: Wastewater from plant processes is treated prior to discharge to the river. The system consists of the API wet well (neutralizer), API oil/water separator, two API decant tanks and clarifiers which operate in series. Underflow from the clarifiers is directed to the thickener and overflow goes to the T-507 tank. Lime, caustic and polymers are added to the treatment system from feed tanks as needed. The clarifier sir strippers (sources ST100 and ST101) are used to remove volatile organic compounds from the wastewater in T-507 prior to it being sent to secondary treatment in the biological treatment system. Effluent from T-507 may also be directed to the back neutralizers. The clarifier strippers normally vent to the incinerators through the clarifier air stripper header but may also vent to atmosphere at EP 97013 or through incinerator purge vents at EP 97015 and 97016. The stripper system is subject to regulation under 40 CFR 63, Subpart G.

Emission Source/Control: 97NP1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 97NP2 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: 9728A - Process
Design Capacity: 7,000 gallons

Emission Source/Control: 97DT2 - Process

Emission Source/Control: 97GST - Process

Emission Source/Control: ACT23 - Process

Emission Source/Control: AP3FT - Process

Emission Source/Control: ST100 - Process

Emission Source/Control: ST101 - Process

Emission Source/Control: ST507 - Process

Emission Source/Control: STDEM - Process

Condition 2-6: General standards - identification of equipment
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.162(c), Subpart H

Replaces Condition(s) 201

Item 2-6.1:
This Condition applies to Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Item 2-6.2:
Each piece of equipment to which Subpart H applies shall be identified such that it can be distinguished readily from equipment that is not subject to Subpart H. This does not require physical tagging, but may be identified on a plant site plan, log entries, or by designation of process unit boundaries by some form of weatherproof identification.

Condition 1-33: General standards - identification of equipment
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.162(c), Subpart H

Item 1-33.1:
This Condition applies to Emission Unit: C-27018
Process: 400 Emission Source: FUGTV

Item 1-33.2:
Each piece of equipment to which Subpart H applies shall be identified such that it can be distinguished readily from equipment that is not subject to Subpart H. This does not require physical tagging, but may be identified on a plant site plan, log entries, or by designation of process unit boundaries by some form of weatherproof identification.

Condition 491: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.152(d)(1), Subpart G

Item 491.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: 402

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 491.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 492: Compliance Certification
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable Federal Requirement:40CFR 63.152(d)(1), Subpart G

Item 492.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: 405

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 492.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-34: Delay of repair provisions for heat exchange systems
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 1-34.1:
This Condition applies to Emission Unit: C-27018
Process: 406

Item 1-34.2:

Delay of repair is allowed for heat exchanger system leaks in the following situations:

1) If the equipment that is isolated from the process, or
2) If the repair is technically infeasible without a shutdown, and one of the following is true:

a) A shutdown is expected within two months after the delay of repair is determined to be necessary. Repair may be delayed until that shutdown.
b) A shutdown is not expected within the next two months and a shutdown to repair the leaking equipment would result in greater emissions than delaying repair. In this case the owner/operator shall document the items listed in 63.104(e)(2)(i)(A) and (B) and delay the repair until the next shutdown.
c) A shutdown is not expected within the next two months and the owner/operator does not determine that the shutdown would result in greater emissions than a delay of repair. The owner/operator may delay the repair for 120 days. The owner/owner shall demonstrate that the necessary parts or personnel were not available

The owner/operator shall submit the following in the next semiannual report:

1) the presence of a leak and the date the leak was detected
2) whether the leak has been repaired
3) the reason(s) for the delay of repair
4) the expected date of repair if not repaired
5) the date of successful repair of the leak

Condition 1-35: Provisions for handling leaks found in heat exchanger coolant
Effective between the dates of 10/10/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 1-35.1:
This Condition applies to Emission Unit: C-27018
Process: 406

Item 1-35.2:
If a leak is detected, it shall be repaired as soon as practical but not later than 45 calendar days after the owner/operator is notified of the results indicating a leak. The owner/operator shall confirm the repair within 7 days of the repair or startup, whichever is later.

The owner/operator shall retain the following records:

- records of any leaks detected
- monitoring data indicating the presence of a leak
- date(s) of the leak's detection
- date(s) of efforts to repair leak(s)
- method and date of confirmation of leak(s)

Condition 2-8: Delay of repair provisions for heat exchange systems
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 2-8.1:
This Condition applies to Emission Unit: C-27018
Process: 406 Emission Source: HXCWW

Item 2-8.2:
Delay of repair is allowed for heat exchanger system leaks in the following situations:

1) If the equipment that is isolated from the process, or
2) If the repair is technically infeasible without a shutdown, and one of the following is true:

a) A shutdown is expected within two months after the delay of repair is determined to be necessary. Repair may be delayed until that shutdown.
b) A shutdown is not expected within the next two months and a shutdown to repair the leaking equipment would result in greater emissions than delaying repair. In this case the owner/operator shall document the items listed in 63.104(e)(2)(i)(A) and (B) and delay the repair until the next shutdown.
c) A shutdown is not expected within the next two months and the owner/operator does not determine that the shutdown would result in greater emissions than a delay of repair. The owner/operator may delay the repair for 120 days. The owner/owner shall demonstrate that the necessary parts or personnel were not available

The owner/operator shall submit the following in the next semiannual report:

1) the presence of a leak and the date the leak was detected
2) whether the leak has been repaired
3) the reason(s) for the delay of repair
4) the expected date of repair if not repaired
5) the date of successful repair of the leak

Condition 2-7: Provisions for handling leaks found in heat exchanger coolant
Effective between the dates of 12/16/2014 and 05/23/2018

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 2-7.1:
This Condition applies to Emission Unit: C-27018
Process: 406 Emission Source: HXCWW

Item 2-7.2:
If a leak is detected, it shall be repaired as soon as practical but not later than 45 calendar days after the owner/operator is notified of the results indicating a leak. The owner/operator shall confirm the repair within 7 days of the repair or startup, whichever is later.

The owner/operator shall retain the following records:

- records of any leaks detected
- monitoring data indicating the presence of a leak
- date(s) of the leak's detection
- date(s) of efforts to repair leak(s)
- method and date of confirmation of leak(s)

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: **General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 493: Contaminant List
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable State Requirement:ECL 19-0301

Item 493.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000064-19-7
Name: ACETIC ACID

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000067-64-1
Name: DIMETHYL KETONE

CAS No: 000074-87-3
Name: METHYL CHLORIDE

CAS No: 000075-36-5
Name: ACETYL CHLORIDE

CAS No: 000075-65-0
Name: 2-METHYL-2-PROPANOL

CAS No: 000075-78-5
Name: DIMETHYLDICHLOROSILANE

CAS No: 000075-79-6
Name: METHYLTRICHLOROSILANE

CAS No: 000075-94-5
Name: SILANE, TRICHLOROETHENYL

CAS No: 000107-46-0
Name: HEXAMETHYLDISILOXANE

CAS No: 000108-88-3
Name: TOLUENE

CAS No: 000124-70-9
Name: SILANE, DICHLOROETHENYLMETHYL

CAS No: 000541-05-9
Name: HEXAMETHYLCYCLOTRISILOXANE

CAS No: 000556-67-2
Name: OCTAMETHYLCYCLOTETRA SILOXANE

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 001066-35-9
Name: SILANE,CHLORODIMETHYL

CAS No: 001112-39-6
Name: SILANE, DIMETHOXYDIMETHYL

CAS No: 001185-55-3
Name: METHYLTRIMETHOXYSILANE

CAS No: 001719-58-0

Name: SILANE, CHLOROETHENYLDIMETHYL

CAS No: 007439-92-1
Name: LEAD

CAS No: 007439-97-6
Name: MERCURY

CAS No: 007440-38-2
Name: ARSENIC

CAS No: 007440-41-7
Name: BERYLLIUM

CAS No: 007440-43-9
Name: CADMIUM

CAS No: 007440-47-3
Name: CHROMIUM

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

CAS No: 007664-41-7
Name: AMMONIA

CAS No: 007782-50-5
Name: CHLORINE

CAS No: 010026-04-7
Name: TETRACHLORO SILANE

CAS No: 016887-00-6
Name: CHLORIDE ION CL-

CAS No: 022431-89-6
Name: DIOXANE,1,2- 3,3,6,6-TETRAMETHYL

CAS No: 063148-62-9
Name: SILOXANES AND SILICONES,DI-ME

CAS No: 068479-14-1
Name: SILANE, CHLORO METHYL DERIVS

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY075-00-5
Name: PM-10

CAS No: 0NY100-00-0
Name: TOTAL HAP

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

CAS No: 0NY502-00-0
Name: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

CAS No: 0NY750-00-0
Name: CARBON DIOXIDE EQUIVALENTS

CAS No: 0NY998-00-0
Name: VOC

Condition 494: Malfunctions and start-up/shutdown activities
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable State Requirement:6 NYCRR 201-1.4

Item 494.1:
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 495: Visible Emissions Limited
Effective between the dates of 05/24/2013 and 05/23/2018

Applicable State Requirement:6 NYCRR 211.2

Item 495.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.