



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-4228-00076/00117
Effective Date: 11/04/2015 Expiration Date: 11/03/2020

Permit Issued To: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306-2496

Contact: COLLEEN TURCOTTE
VON ROLL USA, INC
200 VON ROLL DR
SCHENECTADY, NY 12306
(518) 344-7226

Facility: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306

Contact: SANTINO M CARDELLA
200 VON ROLL DR
SCHENECTADY, NY 12306
(518) 344-7145

Description:

This permit action is the renewal of Von Roll's Title V Permit and integration of NESHAP standards for the following:

- 40 CFR Part 63, Subpart FFFF, Miscellaneous Organic Chemical Manufacturing (MON)
- 40 CFR Part 63, Subpart OOOO, Printing, Coating, and Dyeing of Fabrics and Other Textiles (Fabric Coating)
- 40 CFR Part 63, Subpart HHHHH, Miscellaneous Coating Manufacturing (MCM)
- 40 CFR Part 63, Subpart DDDDD, Industrial, Commercial, and Institutional Boilers and Process Heaters.

The MON regulates equipment necessary to operate a miscellaneous organic chemical manufacturing process (MCPU), e.g., reactors, etc.; associated storage tanks and transfer racks; equipment used to convey or store wastewater; and equipment components such as pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, and instrumentation systems. Building RV33 equipment in which chemical reactions take place is subject to the MON.

The MCM NESHAP regulates equipment used to manufacture coatings, including process vessels; storage tanks; pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, and instrumentation systems; and wastewater tanks. It does not include reactors. The MCM NESHAP applies to the manufacturing of a coating, where the manufacturing steps involve blending, mixing, diluting, and related formulation operations, without an intended reaction.



Operations that are defined as affiliated operations are exempt from the MON and MCM NESHAP. Affiliated operations include the mixing and blending of coatings for on-site operations subject to 40 CFR Part 63, Subpart JJJJ or 40 CFR Part 63, Subpart OOOO.

Von Roll operates surface coaters that have been identified as being subject to 40 CFR Part 63, Subpart JJJJ, National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating (POWC). The surface coaters typically coat both fabric and paper substrates. In accordance with Section 63.4281(e) of Subpart OOOO, any web coating line that coats both fabric and other textiles, and another substrate such as paper, must comply with the subpart that applies to the predominant activity conducted on the affected source. Predominant activity is defined as 90 % of the mass of substrate coated during the compliance period. Therefore, unless a surface coater is used to coat at least 90% paper and less than 10% fabric and other textiles, it is subject to the Fabric Coating standards.

Only the Kiss coaters coat 90% or more paper substrate. Therefore, the other surface coaters (i.e., Hot Melt, Roll coater, Laminator, 1040 coater, 1050 coater, and the Towers), which each coat less than 90% paper substrate, are subject to the Fabric Coating NESHAP.

Von Roll operates four natural gas-fired boilers and two natural gas-fired process heaters that are subject to the Major Source Boiler MACT.

This permit incorporates two State Facility Permits (SFPs) that have been issued during the past year: Application ID 4-4228-00076-00119 for four new vertical storage tanks with design capacities less than 10,000 gallons, and Application ID 4-4228-00076-00120 for a new surface coater (Kiss II) that applies compliant coatings to primarily paper substrates.

To accommodate the new applicable requirements and incorporate the two SFPs, the following changes in the permit structure have been made:

- A new process (CC4) in emission unit 1-14CC1 has been established for the Kiss II Coater, which applies compliant coatings and is subject to 40 CFR Part 63, Subpart JJJJ, and 40 CFR Part 60, Subpart VV, Polymeric Coating of Supporting Substrates.
- The 1531 Hot Melt Treater (01531), which is subject to Subpart OOOO, has been moved from process CC1 to process CC5. Process CC1 includes the Kiss Coater, which is subject to Subpart JJJJ.
- New processes are established in emission unit 1-33001 for the MCPUs, each including the equipment necessary to produce a Family of Materials (FOM) subject to Subpart FFFF.
- A new process (MCM) is established in emission unit 1-33001 for equipment operations subject to Subpart HHHHH.
- A new process (AFL) is established in emission unit 1-33001 for equipment operations that are considered affiliated operations subject to either Subpart JJJJ or Subpart OOOO.
- A new process (TRN) is established in emission unit 1-33001 for a transfer rack that is subject to Subpart FFFF.
- A new emission unit (1-TANKS) is established for the existing storage tank 000M9 (renamed TNK09), which is being moved from emission unit 1-33001, and the four vertical storage tanks authorized under Application ID 4-4228-00076-00119.

New York State Department of Environmental Conservation
Facility DEC ID: 4422800076



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: ANGELO A MARCUCCIO
 NYSDEC - REGION 4
 1130 N WESTCOTT RD
 SCHENECTADY, NY 12306-2014

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
 - 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 4 HEADQUARTERS



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

Item 4.1:

The permittee must submit a renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

Item 4.3:

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

Item 5.1:

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 6: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306-2496

Facility: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306

Authorized Activity By Standard Industrial Classification Code:
2821 - PLASTICS MATERIALS AND RESINS
2851 - PAINTS AND ALLIED PRODUCTS
3299 - NONMETALLIC MINERAL PRODUCTS
2295 - COATED FABRICS, NOT RUBBERIZED

Permit Effective Date: 11/04/2015

Permit Expiration Date: 11/03/2020



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
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 212.4 (c): Compliance Certification
- 25 6 NYCRR 212.6 (a): Compliance Certification
- 26 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
- 27 6 NYCRR 228-1.1 (a) (1): Compliance Certification
- 28 6 NYCRR 228-1.3 (b) (1): Compliance Certification
- 29 6 NYCRR 228-1.3 (b) (2): Compliance Certification
- 30 6 NYCRR 228-1.3 (c): Surface Coating- Prohibitions
- 31 6 NYCRR 228-1.3 (d): Compliance Certification
- 32 6 NYCRR 228-1.4 (d): Compliance Certification
- 33 6 NYCRR 228-1.4 (d) (2): Compliance Certification
- 34 6 NYCRR 228-1.4 (d) (3): Compliance Certification
- 35 6 NYCRR 228-1.6 (a): Compliance Certification
- 36 6 NYCRR 228-1.6 (c): Surface coating access for sampling
- 37 40CFR 63.10(b)(2), Subpart A: Compliance Certification
- 38 40CFR 63.10(c), Subpart A: Compliance Certification
- 39 40CFR 63.132(f), Subpart G: Compliance Certification
- 40 40CFR 63.132(g), Subpart G: Compliance Certification
- 41 40CFR 63.133(a)(1), Subpart G: Compliance Certification
- 42 40CFR 63.133(b)(1), Subpart G: Compliance Certification
- 43 40CFR 63.133(f), Subpart G: Compliance Certification



- 44 40CFR 63.135(b), Subpart G: Compliance Certification
- 45 40CFR 63.135(c), Subpart G: Compliance Certification
- 46 40CFR 63.135(e), Subpart G: Compliance Certification
- 47 40CFR 63.135(f), Subpart G: Compliance Certification
- 48 40CFR 63.140, Subpart G: Compliance Certification
- 49 40CFR 63.143(a), Subpart G: Compliance Certification
- 50 40CFR 63.146(c), Subpart G: Compliance Certification
- 51 40CFR 63.147(b), Subpart G: Compliance Certification
- 52 40CFR 63.147(f), Subpart G: Compliance Certification
- 53 40CFR 63.148(d), Subpart G: Compliance Certification
- 54 40CFR 63.148(e), Subpart G: Compliance Certification
- 55 40CFR 63.148(g), Subpart G: Compliance Certification
- 56 40CFR 63.148(h), Subpart G: Compliance Certification
- 57 40CFR 63.148(i), Subpart G: Compliance Certification
- 58 40CFR 63.1036, Subpart UU: Compliance Certification
- 59 40CFR 63.1038(b), Subpart UU: Compliance Certification
- 60 40CFR 63.1038(c)(8), Subpart UU: Compliance Certification
- 61 40CFR 63.1039, Subpart UU: Compliance Certification
- 62 40CFR 63, Subpart DDDDD: Compliance and Enforcement
- 63 40CFR 63.2445(b), Subpart FFFF: Compliance Certification
- 64 40CFR 63.2460(b), Subpart FFFF: Compliance Certification
- 65 40CFR 63.2460(c), Subpart FFFF: Compliance Certification
- 66 40CFR 63.2460(c), Subpart FFFF: Compliance Certification
- 67 40CFR 63.2465(b), Subpart FFFF: Compliance Certification
- 68 40CFR 63.2480, Subpart FFFF: Compliance Certification
- 69 40CFR 63.2485, Subpart FFFF: Compliance Certification
- 70 40CFR 63.2485, Subpart FFFF: Compliance Certification
- 71 40CFR 63.2520, Subpart FFFF: Compliance Certification
- 72 40CFR 63.2520, Subpart FFFF: Compliance Certification
- 73 40CFR 63.2525, Subpart FFFF: Compliance Certification
- 74 40CFR 63.2535(l), Subpart FFFF: Compliance Certification
- 75 40CFR 63.3350(f), Subpart JJJJ: Compliance Certification
- 76 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 77 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 78 40CFR 63.3370(b), Subpart JJJJ: Compliance Certification
- 79 40CFR 63.3370(e), Subpart JJJJ: Compliance Certification
- 80 40CFR 63.3400(c), Subpart JJJJ: Compliance Certification
- 81 40CFR 63.3400(g), Subpart JJJJ: Compliance Certification
- 82 40CFR 63.3410, Subpart JJJJ: Compliance Certification
- 83 40CFR 63.4300(b), Subpart OOOO: Compliance Certification
- 84 40CFR 63.4311(a), Subpart OOOO: Compliance Certification
- 85 40CFR 63.4312, Subpart OOOO: Compliance Certification
- 86 40CFR 63.4313, Subpart OOOO: Compliance Certification

Emission Unit Level

- 87 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 88 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=1-14CC1

- 89 6 NYCRR 212.3 (b): Compliance Certification
- 90 6 NYCRR 228-1.3 (a): Compliance Certification
- 91 6 NYCRR 228-1.4 (d) (2): Compliance Certification



EU=1-14CC1,Proc=CC1

- 92 40CFR 63.3320(b)(2), Subpart JJJJ: Compliance Certification
- 93 40CFR 63.3320(b)(3), Subpart JJJJ: Compliance Certification
- 94 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 95 40CFR 63.3370(b), Subpart JJJJ: Compliance Certification
- 96 40CFR 63.3370(c), Subpart JJJJ: Compliance Certification

EU=1-14CC1,Proc=CC4

- 97 40CFR 63.3320(b)(2), Subpart JJJJ: Compliance Certification
- 98 40CFR 63.3320(b)(3), Subpart JJJJ: Compliance Certification
- 99 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 100 40CFR 63.3370(b), Subpart JJJJ: Compliance Certification
- 101 40CFR 63.3370(b), Subpart JJJJ: Compliance Certification
- 102 40CFR 63.3370(c), Subpart JJJJ: Compliance Certification

EU=1-14CC1,Proc=CC4,ES=KISS2

- 103 40CFR 60.740(b), NSPS Subpart VVV: Applicability and designation of affected facility.
- 104 40CFR 60.744(b), NSPS Subpart VVV: Compliance Certification
- 105 40CFR 60.747(b), NSPS Subpart VVV: Compliance Certification
- 106 40CFR 60.747(c), NSPS Subpart VVV: Compliance Certification

EU=1-14CC1,Proc=CC5

- 107 40CFR 63.4291(a), Subpart OOOO: Compliance Certification

EU=1-14CC1,Proc=CC5,ES=01531

- 108 6 NYCRR 228-1.4 (d) (2): Compliance Certification

EU=1-14NC1

- 109 6 NYCRR 212.3 (b): Compliance Certification
- 110 6 NYCRR 228-1.3 (a): Compliance Certification

EU=1-14NC1,Proc=CC2

- 111 40CFR 63.4291(a), Subpart OOOO: Compliance Certification

EU=1-14NC1,Proc=NC1

- 112 6 NYCRR 202-1.1: Compliance Certification
- 113 6 NYCRR 228-1.5 (a): Compliance Certification
- 114 6 NYCRR 228-1.5 (b): Compliance Certification
- 115 40CFR 63.4291(a), Subpart OOOO: Compliance Certification
- 116 40CFR 63.4292(b), Subpart OOOO: Compliance Certification
- 117 40CFR 63.4293(b), Subpart OOOO: Compliance Certification
- 118 40CFR 63.4300(a), Subpart OOOO: Compliance Certification
- 119 40CFR 63.4300(c), Subpart OOOO: Compliance Certification
- 120 40CFR 63.4351(d), Subpart OOOO: Compliance Certification
- 121 40CFR 63.4352, Subpart OOOO: Compliance Certification
- 122 40CFR 63.4364(a), Subpart OOOO: Compliance Certification
- 123 40CFR 63.4364(b), Subpart OOOO: Compliance Certification
- 124 40CFR 63.4364(c), Subpart OOOO: Compliance Certification
- 125 40CFR 63.4364(e), Subpart OOOO: Compliance Certification

EU=1-14NC2



126 6 NYCRR 228-1.3 (a): Compliance Certification

EU=1-14NC2,Proc=CC3

127 40CFR 63.4291(a), Subpart OOOO: Compliance Certification

EU=1-14NC2,Proc=NC2

- 128 6 NYCRR 202-1.1: Compliance Certification
- 129 6 NYCRR 228-1.5 (a): Compliance Certification
- 130 6 NYCRR 228-1.5 (b): Compliance Certification
- 131 6 NYCRR 228-1.5 (b): Compliance Certification
- 132 40CFR 63.4291(a), Subpart OOOO: Compliance Certification
- 133 40CFR 63.4291(a), Subpart OOOO: Compliance Certification
- 134 40CFR 63.4300(a), Subpart OOOO: Compliance Certification
- 135 40CFR 63.4300(c), Subpart OOOO: Compliance Certification
- 136 40CFR 63.4311(b), Subpart OOOO: Performance test reports
- 137 40CFR 63.4311(c), Subpart OOOO: Compliance Certification
- 138 40CFR 63.4313, Subpart OOOO: Compliance Certification
- 139 40CFR 63.4351(d), Subpart OOOO: Compliance Certification
- 140 40CFR 63.4352, Subpart OOOO: Compliance Certification
- 141 40CFR 63.4364(a), Subpart OOOO: Compliance Certification
- 142 40CFR 63.4364(b), Subpart OOOO: Compliance Certification
- 143 40CFR 63.4364(e), Subpart OOOO: Compliance Certification

EU=1-14NC2,Proc=NC2,ES=000X2

144 40CFR 63.4364(c), Subpart OOOO: Compliance Certification

EU=1-14NC2,Proc=NC2,ES=01050

- 145 40CFR 60.740(b), NSPS Subpart VVV: Applicability and designation of affected facility.
- 146 40CFR 60.744(b), NSPS Subpart VVV: Compliance Certification
- 147 40CFR 60.747(b), NSPS Subpart VVV: Compliance Certification
- 148 40CFR 60.747(c), NSPS Subpart VVV: Compliance Certification

EU=1-33001

149 40CFR 63.105, Subpart F: Compliance Certification

EU=1-33001,Proc=MCM

- 150 40CFR 63.424, Subpart R: Compliance Certification
- 151 40CFR 63.428, Subpart R: Compliance Certification
- 152 40CFR 63.982(c)(2), Subpart SS: Compliance Certification
- 153 40CFR 63.990(a), Subpart SS: Compliance Certification
- 154 40CFR 63.990(c)(1), Subpart SS: Compliance Certification
- 155 40CFR 63.990(c)(2), Subpart SS: Compliance Certification
- 156 40CFR 63.996(c), Subpart SS: Compliance Certification
- 157 40CFR 63.996(d), Subpart SS: Compliance Certification
- 158 40CFR 63.998(a)(2), Subpart SS: Compliance Certification
- 159 40CFR 63.998(b), Subpart SS: Compliance Certification
- 160 40CFR 63.998(c)(1), Subpart SS: Compliance Certification
- 161 40CFR 63.998(c)(3), Subpart SS: Compliance Certification
- 162 40CFR 63.998(d), Subpart SS: Compliance Certification
- 163 40CFR 63.999(c), Subpart SS: Compliance Certification
- 164 40CFR 63.999(d), Subpart SS: Compliance Certification



- 165 40CFR 63.8000(a), Subpart HHHHH: Overall requirements for subpart HHHHH
- 166 40CFR 63.8000(b), Subpart HHHHH: Opening of safety devices
- 167 40CFR 63.8000(d), Subpart HHHHH: Compliance Certification
- 168 40CFR 63.8000(d), Subpart HHHHH: Compliance Certification
- 169 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 170 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 171 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 172 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 173 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 174 40CFR 63.8005(a), Subpart HHHHH: Compliance Certification
- 175 40CFR 63.8005(d), Subpart HHHHH: Compliance Certification
- 176 40CFR 63.8005(e), Subpart HHHHH: Compliance Certification
- 177 40CFR 63.8005(g), Subpart HHHHH: Flow indicators
- 178 40CFR 63.8015, Subpart HHHHH: Compliance Certification
- 179 40CFR 63.8050(d), Subpart HHHHH: Compliance Certification
- 180 40CFR 63.8055, Subpart HHHHH: Compliance Certification
- 181 40CFR 63.8075(e), Subpart HHHHH: Compliance Certification
- 182 40CFR 63.8080, Subpart HHHHH: Compliance Certification

EU=1-TANKS

- 183 6 NYCRR 229.3 (e) (2) (v): Compliance Certification

EU=2-TANKS

- 184 6 NYCRR 229.3 (e) (2) (v): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 185 ECL 19-0301: Contaminant List
- 186 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 187 6 NYCRR 201-1.11 (a): Criteria for temporary emission sources
- 188 6 NYCRR 201-1.15: Requirement to Commence Construction
- 189 6 NYCRR 211.2: Visible Emissions Limited



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 11/04/2015 and 11/03/2020**

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 11/04/2015 and 11/03/2020**

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 11/04/2015 and 11/03/2020**

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 11/04/2015 and 11/03/2020**

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 11/04/2015 and 11/03/2020**

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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). 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 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

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.

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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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 4 Headquarters
1130 North Westcott Road
Schenectady, NY 12306-2014

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 1/30/2016.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

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 11/04/2015 and 11/03/2020**

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 11/04/2015 and 11/03/2020**

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.



procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 11/04/2015 and 11/03/2020

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 11/04/2015 and 11/03/2020

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 11/04/2015 and 11/03/2020

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 11/04/2015 and 11/03/2020

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 11/04/2015 and 11/03/2020

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



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 21: Emission Unit Definition
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 21.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-14CC1

Emission Unit Description:

RV14 Compliant Coating Lines: Includes emissions from three coating lines, the Kiss Coater (OKISS), Kiss II Coater (KISS2), and 1531 Hot Melt Treater (01531), which treat substrates using low volatile coatings. EP 12009 serves the Kiss Coater. Emissions from the Kiss Coater also vent to EP 12023, which also receives emissions from the Kiss II Coater and the 1531 Hot Melt Treater. This emission unit also includes the small (SOVEN, EP12021) and large (LOVEN, EP 12022) ovens, which are used to cure the substrates treated by the Kiss Coater, Kiss II Coater, and 1531 Hot Melt Treater.

Compliant coatings are those that contain ≤ 0.08 lb VOC/lb coating for paper coating and ≤ 2.9 lb VOC/gallon of coating for fabric coating in compliance with Subpart 228-1, and ≤ 0.04 lb organic HAP/lb coating materials applied each month or ≤ 0.20 lb organic HAP/lb coating solids applied each month in compliance with 40 CFR Part 63, Subpart JJJJ (Paper and Other Web Coating NESHAP), or ≤ 0.12 lb organic HAP/lb of solids applied for each coating material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in compliance with 40 CFR Part 63, Subpart OOOO (Fabric Coating NESHAP).

Kiss and Kiss II coat primarily paper substrates, and the 1531 Hot Melt coats primarily fabric substrates.

The Kiss and Kiss II Coaters are subject to 40 CFR Part 63, Subpart JJJJ - Paper and Other Web Coating (POWC)



NESHAP. The 1531 Hot Melt coater is subject to 40 CFR Part 63, Subpart OOOO - Fabric Coating NESHAP. All three coating lines are subject to 6 NYCRR Subpart 228-1 - Surface Coating Processes.

In addition, Kiss II coater (KISS2) is subject to 40 CFR Part 60, Subpart VVV - Polymeric Coating of supporting substrates.

Building(s): RV14

Item 21.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-14NC1

Emission Unit Description:

RV14 Primary Non-compliant Coating Lines: includes all the emissions from four surface coating lines (Laminator, 1040 Treater, Vertical Towers 1 & 2). Unit includes any fugitive emissions, emissions from the natural gas fired in the treater ovens and the fuel used in the OX1 thermal oxidizer to maintain the operating temperature. Coating lines can also operate based on the use of compliant coatings (≤ 2.9 lb VOC/gal for fabric, ≤ 0.08 lb VOC/lb coating for paper/film, and ≤ 0.12 lb organic HAP/lb of solids applied for each coating material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in compliance with 40 CFR Part 63, Subpart OOOO, Fabric Coating NESHAP) at which time the process does not require control equipment. However, control is required when using HAP containing thinners or cleanup solvents, in accordance with 40 CFR Part 63, Subpart OOOO.

Building(s): RV14

Item 21.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-14NC2

Emission Unit Description:

RV14 Secondary Non-compliant Coating Lines: includes all the emissions from three surface coating lines (1196 Treater with the Reverse Roll Coater and 1050 Treater). Unit includes the sodium hydroxide from the 1196 Treater belt drier, and emissions from the natural gas fired in the 1196 Treater ovens, belt drier and the fuel used in the oxidizer to maintain the operating temperature. Coating lines can also be operated based on the use of compliant coatings (≤ 2.9 lb VOC/gal for fabric and ≤ 0.08 lb VOC/lb coating for paper/film per NYCRR Part



228, and ≤ 0.12 lb organic HAP/lb of solids applied for each coating material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in compliance with 40 CFR Part 63, Subpart OOOO, Fabric Coating NESHAP) at which time the process does not require control equipment. However, control is required when using HAP containing thinners or cleanup solvents, in accordance with 40 CFR Part 63, Subpart OOOO.

Building(s): RV14

Item 21.4:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-14SL1

Emission Unit Description:

RV14 Slitter/Packing Ventilation (EPN 12015, 12018, 12019, 12020) and a Mica Dust Knockout Unit (EPN 12035) includes the emissions from the slitters used to cut the materials produced on the treaters into various widths and the associated Packing Areas. Includes ventilation emission from the new RV14 drum compactor for compacting scrap tape and other materials.

Building(s): RV14

Item 21.5:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-33001

Emission Unit Description:

RV33 Misc. General Processes: currently includes the emissions from reactor and mixing operations in building RV33.

This emission unit is comprised of equipment subject to:

- 40 CFR Part 63, Subpart FFFF, Miscellaneous Organic Chemical Manufacturing (MON)
- 40 CFR Part 63, Subpart HHHHH, Miscellaneous Coating Manufacturing (MCM).
- 40 CFR Part 63, Subpart JJJJ, Paper and Other Web Coating (POWC)
- 40 CFR Part 63, Subpart OOOO, Printing, Coating, and Dyeing of Fabrics and Other Textiles (Fabric Coating).

The MON processes, which involve equipment used to make products where a chemical reaction takes place, are 707, 712, 724, ACR, AIR, OCC, FAB, DAI, MIC, PEI, SIL, SOL, STY, TBS, and WAT. The MCM process (MCM) consists of



equipment used to make blended coatings that are sent off site. When making blended coatings that are used on site in Building RV14 surface coating operations, the associated equipment is considered affiliated operations subject to either Subpart JJJJ or OOOO. These affiliated operations comprise process AFL. A transfer rack (00TWL), which is subject to the MON, is in process TRN.

Building(s): RV33

Item 21.6:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-42001

Emission Unit Description:

RV42 Hazardous Waste Drum Compactor: Includes the emissions from the ventilation of the drum compactor.

Building(s): RV42

Item 21.7:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-TANKS

Emission Unit Description:

This emission unit includes one 10,000-gallon horizontal solvent storage tank (TNK09, renamed from 000M9) and four vertical solvent storage tanks (TNK10, TNK11, TNK12, TNK13). Due to the tanks' predominant use, they are regulated under the MCM NESHAP and meet the definition of Group 2 storage tank. TNK09, TNK10, TNK11, TNK12 operate with a nitrogen blanket. All five tanks are equipped with conservation vents.

Building(s): TANKFARM

Item 21.8:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 2-TANKS

Emission Unit Description:

This emission unit includes eight proposed vertical solvent storage tanks (TNK14, TNK15, TNK16, TNK17, TNK18, TNK19, TNK20, and TNK21) that will operate with nitrogen blankets and be equipped with conservation vents. TNK14 (9,550 gallons), TNK17 (8,000 gallons), TNK19 (8,000 gallons) and TNK20 (8,000 gallons) will be used to store solvents that contain HAP. Due to the tanks' anticipated predominant use, they will be regulated under the MCM NESHAP and meet the definition of Group 2 Storage tank. TNK15 (9,550 gallons), TNK16 (8,000 gallons), TNK18 (8,000 gallons) and TNK21 (8,000 gallons) will be used to store solvents that do not contain HAP and, therefore, will not be regulated under a NESHAP.



Building(s): TANKFARM

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 11/04/2015 and 11/03/2020

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

Item 22.1:

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 23: Air pollution prohibited
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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 24: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 24.1:

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

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 24.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

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. Compliance testing will be conducted by the facility at the request of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 25.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14SL1

Emission Unit: 1-33001

Emission Unit: 1-42001

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources once per month, during daylight hours, except during conditions of extreme weather (fog, snow, rain) while the process is in operation.

If any visible emissions are noted above the limit specified, corrective action is required. If any visible emissions greater than the limit specified (except the emission of uncombined water) are observed for three



consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Monthly records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, 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.

Monitoring Frequency: MONTHLY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

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

Item 26.1:

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

Emission Unit: 1-33001	Emission Point: 12103
Emission Unit: 1-33001	Emission Point: 12106
Emission Unit: 1-33001	Emission Point: 12131
Emission Unit: 1-33001	Emission Point: 12144
Emission Unit: 1-33001	Emission Point: 12145

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The emission points listed below contained in this emission unit are operating under a VOC RACT variance due to an economic infeasibility. The combined emissions of volatile organic compounds (VOC) from the emission points listed below shall be limited to twenty (20) tons per year on a twelve (12) month rolling average. The facility shall monitor and maintain monthly records of the emission of VOC from the listed

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emission points. The records shall include all calculations used to determine the monthly and annual emissions of VOC. The records shall be maintained on-site for a period of five (5) years. Prior to the Title V permit renewal, the facility shall reevaluate the economic feasibility of RACT for these emission points. The VOC RACT variance is subject to the approval of the US EPA.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (1)

Item 27.1:
The Compliance Certification activity will be performed for the Facility.

Item 27.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Table 1 identifies the coating lines subject to this Subpart based on their potential to emit (PTE) or actual emissions of volatile organic compounds (VOCs), from all sources at the facility, regardless of process type, excluding combustion installations. The coating lines identified in Table 1 must comply with the requirements set forth in Subpart 228-1 of this Part, including any specific requirements applicable to the designated coating line class.

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

Condition 28: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.3 (b) (1)

Item 28.1:
The Compliance Certification activity will be performed for the Facility.

Item 28.2:



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to 6 NYCRR Part 228-1 must maintain the following records in a format acceptable to the department for a period of at least five years:

1. A certification from the coating supplier or manufacturer which lists the parameters used to determine the actual VOC content of each as applied coating used at the facility.
2. Purchase, usage and/or production records of each coating material, including solvents.
3. Records identifying each air cleaning device that has an overall removal efficiency of at least 90 percent.
4. Records verifying each parameter used to calculate the overall removal efficiency, as described in Equation 2 of Section 228-1.5(c), if applicable.
5. Any additional information required to determine compliance with Part 228-1.

Upon request, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must submit a copy of the records kept in accordance with this condition to the department within 90 days of receipt of the request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.3 (b) (2)

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of emission sources not subject to 6 NYCRR Part 228-1, as set forth in Paragraphs 228-1.1(b)(9)



or (13), or those sources that are using coatings not subject to specific requirements of Part 228-1 as set forth in Paragraph 228-1.3(e)(2), or Clauses 228-1.4(b)(5)(iii)(e), 228-1.4(b)(5)(iii)(i) or 228-1.4(b)(5)(iv), must maintain records on an as used basis. The records must include the relevant regulatory citation of each exemption and quantity of coating used. If the exemption criteria are based on VOC usage, the records must contain calculations and supplier/manufacturer material data sheets for verification of VOC usage. All records required by this Paragraph must be maintained at the facility for a period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Surface Coating- Prohibitions
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.3 (c)

Item 30.1:

(1) No person shall sell, supply, offer for sale, solicit, use, specify, or require for use, the application of a coating on a part or product at a facility with a coating line described in Subpart 228-1.1(a) if such sale, specification, or use is prohibited by any of the provisions of this Subpart. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

(i) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in the tables of Subpart 228-1.4;

(ii) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Subpart 228-1.5(d); and

(iii) coatings utilized at surface coating lines that have been granted variances pursuant to Subpart 228-1.5(e).

(2) Any person selling a coating for use in a coating line subject to Subpart 228-1 must, upon request, provide the user with certification of the VOC content of the coating supplied.

Condition 31: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)

Item 31.1:



The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this

Subpart must:

(a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are

used for surface preparation, cleanup or coating removal;

(b) store in closed, non-leaking containers spent or fresh VOC

solvents to be used for surface preparation, cleanup or coating removal;

(c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

(d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection

procedures require operational access. This provision does not apply

to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

(e) not use open containers to store or dispose of spent surface

coatings, or spent VOC solvents;

(f) minimize spills during the handling and transfer of coatings and VOC solvents; and

(g) clean hand held spray guns by one of the following:

(1) an enclosed spray gun cleaning system that is kept closed when not in use;

(2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;

(3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or

(4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such



deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

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 1/30/2016.

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

Condition 32: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.4 (d)

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

(1) Unless the appropriate emission control requirements of section 228-1.5 of this Subpart have been met or a process specific RACT variance has been granted in accordance with section 228-1.5(e) of this Subpart, a facility performing a class D coating process shall not operate unless the following strategies to control VOC emissions are used.

(2) The facility applying coatings to magnet wire, metal cans, coils, vinyl and fabric may not use coatings with VOC contents, as applied, which exceed the limits specified in table D-1. The units in table D-1 are in terms of pounds of VOC per gallon of coating (minus water and excluded compounds) at application.

(3) Applicable VOC limits as listed in Table D-2 of 6 NYCRR 228-1.4(d)(3) shall be adhered to for the coating of paper, film and foil. Table D-2 limits can be met by averaging the VOC content of the materials used on a

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single surface coating line (i.e., daily with in-line averaging). Equations and supporting data demonstrating VOC compliance for each coating type shall be on site and available to Department representatives upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING LINES

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.9 pounds per gallon

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.4 (d) (2)

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Unless the appropriate emission control requirements of 228-1.5 have been met or a process-specific RACT variance has been granted, all applicable VOC limits as listed in Table D-1 of 6 NYCRR 228-1.4(d)(2) shall be adhered to at all times. Equations and supporting data demonstrating VOC compliance for each coating type shall be on site and available to Department representatives upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING LINES

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.9 pounds per gallon

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Certification



Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.4 (d) (3)

Item 34.1:

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

Emission Unit: 1-14CC1
Process: CC1

Emission Unit: 1-14CC1
Process: CC4

Emission Unit: 1-14CC1
Process: CC5

Emission Unit: 1-14NC1
Process: CC2

Emission Unit: 1-14NC2
Process: CC3

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility applying coatings to paper film and foil may not use coatings with VOC contents, as applied, which exceed the limits specified in table D-2 unless the appropriate emission control requirements of 228-1.5 have been met or a process-specific RACT variance has been granted. The units in table D-2 are in terms of weight of VOC per weight of coating applied.

Paper, film, and foil 0.08 lb VOC / lb coating

(i) The VOC content limits in table D-2 can be met by averaging the VOC content of the materials used on a single surface coating line (i.e. daily with-in-line averaging).

(ii) Materials used to form unsupported substrates, such as calendaring of vinyl, brown film, cast film, extruded film and co-extruded film are not considered coating for the purpose of table D-2.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING LINES

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 0.08 pounds of VOC per pound of coating

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 35: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.6 (a)

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request by the Department, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must determine the actual VOC content of an as applied coating by measuring the volatile content, water content, density, volume of solids, and weight of solids in accordance with EPA Reference Test Method 311 or Method 24, included in Appendix A of 40 CFR parts 63 and 60 respectively, to demonstrate compliance with the requirements of Part 228-1. An alternate sampling method that has been approved by both the Department and the Administrator may be used when Method 311 and/or Method 24 are not appropriate.

Reference Test Method: EPA Reference Test Method 311 or 24

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Surface coating access for sampling
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.6 (c)



Item 36.1:

Representatives of the department must be permitted on the facility owner's property, during reasonable business hours, to obtain coating samples for the purpose of determining compliance with the requirements of 6 NYCRR Part 228-1.

Condition 37: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.10(b)(2), Subpart A

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Von Roll is subject to all monitoring and reporting requirements applicable under 40 CFR 63.10(b)(2) Subpart A.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 38: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.10(c), Subpart A

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Von Roll is subject to the additional recordkeeping requirements for sources with continuous monitoring systems under 40 CFR 63.10(c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020



Applicable Federal Requirement:40CFR 63.132(f), Subpart G

Item 39.1:

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

Emission Unit: 1-33001

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 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 a chemical manufacturing process unit 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: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.132(g), Subpart G

Item 40.1:

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

Emission Unit: 1-33001

Item 40.2:



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Off-site treatment or on-site treatment not owned or operated by the source. The owner or operator may elect to transfer a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream to an on-site treatment operation not owned or operated by the owner or operator of the source generating the wastewater stream or residual, or to an off-site treatment operation.

(1) The owner or operator transferring the wastewater stream or residual shall:

(i) Comply with the provisions specified in §§63.133 through 63.137 of this subpart for each waste management unit that receives or manages a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream prior to shipment or transport.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.133(a)(1), Subpart G

Item 41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Item 41.2:

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.

(1) The owner or operator shall operate and maintain a fixed roof except that if the wastewater tank is used for heating wastewater, or treating by means of an exothermic reaction or the contents of the tank is sparged, the owner



or operator shall comply with the requirements specified in paragraph (a)(2) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 42: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.133(b)(1), Subpart G

Item 42.1:

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

Emission Unit: 1-33001

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the owner or operator elects to comply with the requirements of paragraph (a)(2)(i) of this section, the fixed roof shall meet the requirements of paragraph (b)(1) of this section, the control device shall meet the requirements of paragraph (b)(2) of this section, and the closed-vent system shall meet the requirements of paragraph (b)(3) of this section.

(1) The fixed-roof shall meet the following requirements:

(i) Except as provided in paragraph (b)(4) of this section, the fixed roof and all openings (e.g., access hatches, sampling ports, and gauge wells) shall be maintained in accordance with the requirements specified in §63.148 of this subpart.

(ii) Each opening shall be maintained in a closed position (e.g., covered by a lid) at all times that the wastewater tank contains a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream except when it is necessary to use the opening for wastewater sampling, removal, or for equipment inspection, maintenance, or repair.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 43: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.133(f), Subpart G

Item 43.1:

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

Emission Unit: 1-33001

Item 43.2:

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.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.135(b), Subpart G

Item 44.1:

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

Emission Unit: 1-33001

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

(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.

(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 45: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.135(c), Subpart G

Item 45.1:

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

Emission Unit: 1-33001

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 46: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.135(e), Subpart G

Item 46.1:

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

Emission Unit: 1-33001

Item 46.2:

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 47: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.135(f), Subpart G

Item 47.1:

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

Emission Unit: 1-33001

Item 47.2:

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 48: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.140, Subpart G

Item 48.1:

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

Emission Unit: 1-33001

Item 48.2:

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 49: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.143(a), Subpart G

Item 49.1:

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

Emission Unit: 1-33001

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

For each wastewater tank, surface impoundment, container, individual drain system, and oil-water separator that receives, manages, or treats a Group 1 wastewater stream, a residual removed from a Group 1 wastewater stream, a recycled Group 1 wastewater stream, or a recycled residual removed from a Group 1 wastewater stream, the owner or operator shall comply with the inspection requirements specified in table 11 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 50: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.146(c), Subpart G

Item 50.1:

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

Emission Unit: 1-33001

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each waste management unit that receives, manages, or treats a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream, the owner or operator shall submit as part of the next Periodic Report required by §63.152(c) of this subpart the results of each inspection required by §63.143(a) of this subpart in which a control equipment failure was identified. Control equipment failure is defined for each waste management unit in §§63.133 through 63.137 of this subpart. Each Periodic Report shall include the date of the inspection, identification of each waste management unit in which a control equipment failure was detected, description of the failure, and description of the nature of and date the repair was made.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 51: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.147(b), Subpart G

Item 51.1:

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

Emission Unit: 1-33001

Item 51.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

(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 Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

(3) 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.148(e), Subpart G

Item 54.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Item 54.2:

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, 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.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 55: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.148(g), Subpart G

Item 55.1:

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

Emission Unit: 1-33001

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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.

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

Condition 56: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.148(h), Subpart G

Item 56.1:

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



Emission Unit: 1-33001

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.148(i), Subpart G

Item 57.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Item 57.2:

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)(1) through (i)(5) of this section.

- (1) Identification of all parts of the vapor collection system, closed vent system, fixed roof, cover, or enclosure that are designated as unsafe to inspect, an



explanation of why the equipment is unsafe to inspect, and the plan for inspecting the equipment.

(2) Identification of all parts of the vapor collection system, closed vent system, fixed roof, cover, or enclosure that are designated as difficult to inspect, an explanation of why the equipment is difficult to inspect, and the plan for inspecting the equipment.

(3) For each vapor collection system or 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 (i)(3)(i) or (i)(3)(ii) of this section.

(i) Hourly records of whether the flow indicator specified under paragraph (f)(1) of this section 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.

(ii) Where a seal mechanism is used to comply with paragraph (f)(2) of this section, hourly records of flow are not required. In such cases, the owner or operator shall record whether 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 configuration has been checked out, and records of any car-seal that has broken.

(4) For each inspection during which a leak is detected, a record of the information specified in paragraphs (i)(4)(i) through (i)(4)(viii) of this section.

(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) of this section after the leak is successfully repaired or determined to be nonrepairable.

(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 paragraph (c) of this section 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 (b)(1)(ii) or (b)(3)(ii) of this section 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: UPON REQUEST BY REGULATORY AGENCY

Condition 58: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.1036, Subpart UU

Item 58.1:

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

Emission Unit: 1-33001

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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:



(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:

$$\Delta (P/t) = [(P_f - P_i)] / (t_f - t_i)$$

Where:

$\Delta (P/t)$ = Change in pressure, pounds per square inch gauge per hour.

P_f = Final pressure, pounds per square inch gauge.

P_i = Initial pressure, pounds per square inch gauge.

$t_f - t_i$ = 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.

(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 59: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.1038(b), Subpart UU

Item 59.1:

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

Emission Unit: 1-33001

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

General equipment leak records.

- (1) As specified in §63.1022(a) and (b), the owner or operator shall keep 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. 63.1022(b)(1) is not applicable per 63.2480(b)(3).
- (2) The owner or operator shall keep a written plan as specified in §63.1022(c)(4) for any equipment that is designated as unsafe- or difficult-to-monitor.
- (3) The owner or operator shall maintain 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) As specified in §63.1022(e), the owner or operator shall maintain the identity of compressors operating with an instrument reading of less than 500 parts per million.

(5) The owner or operator shall keep records associated with the determination that equipment is in heavy liquid service as specified in §63.1022(f).

(6) The owner or operator shall keep records for leaking equipment as specified in §63.1023(e)(2).

(7) The owner or operator shall keep 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: UPON REQUEST BY REGULATORY AGENCY

Condition 60: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.1038(c)(8), Subpart UU

Item 60.1:

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

Emission Unit: 1-33001

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Specific equipment leak records.

(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).



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 61: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.1039, Subpart UU

Item 61.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Initial Compliance Status Report. Each owner or operator shall submit an Initial Compliance Status Report according to the procedures in the referencing subpart. The notification shall include the information listed in paragraphs (a)(1) through (a)(3) of this condition, as applicable.

(1) The notification shall provide the information listed in paragraphs (a)(1)(i) through (a)(1)(iv) of this condition for each process unit or affected facility subject to the requirements of 40 CFR 63 subpart UU.

(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 Secs. 63.1025 and 63.1026.

(2) The notification shall provide the information listed in paragraphs (a)(2)(i) and (a)(2)(ii) of this condition for each process unit or affected facility subject to the requirements of Sec. 63.1036(b).

(i) Batch products or product codes subject to the provisions of subpart UU, and

(ii) Planned schedule for pressure testing when equipment is configured for production of products subject to the provisions of subpart UU.

(3) The notification shall provide the information

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Facility DEC ID: 4422800076



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must determine if an emission stream is a halogenated vent stream, as defined in §63.2550, 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 64: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2460(b), Subpart FFFF

Item 64.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI



Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If a process has batch process vents, as defined in §63.2550, you must 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 (7) of this section.

(1) To calculate emissions caused by the heating of a vessel without a process condenser to a temperature lower than the boiling point, you must use the procedures in §63.1257(d)(2)(i)(C)(3).

(2) To calculate emissions from depressurization of a vessel without a process condenser, you must use the procedures in §63.1257(d)(2)(i)(D)(10).

(3) To calculate emissions from vacuum systems for the purposes of this subpart, the receiving vessel is part of the vacuum system, and terms used in Equation 33 to 40 CFR part 63, subpart GGG, are defined as follows:

P_{system} = absolute pressure of the receiving vessel;

P_i = partial pressure of the HAP determined at the exit temperature and exit pressure conditions of the condenser or at the conditions of the dedicated receiver;

P_j = partial pressure of condensables (including HAP) determined at the exit temperature and exit pressure conditions of the condenser or at the conditions of the



dedicated receiver;

MWHAP = molecular weight of the HAP determined at the exit temperature and exit pressure conditions of the condenser or at the conditions of the dedicated receiver.

(4) To calculate uncontrolled emissions when a vessel is equipped with a process condenser, you must use the procedures in §63.1257(d)(3)(i)(B), except as specified in paragraphs (b)(4)(i) through (vii) of this section.

(i) You must determine the flowrate of gas (or volume of gas), partial pressures of condensables, temperature (T), and HAP molecular weight (MWHAP) at the exit temperature and exit pressure conditions of the condenser or at the conditions of the dedicated receiver.

(ii) You must assume that all of the components contained in the condenser exit vent stream are in equilibrium with the same components in the exit condensate stream (except for noncondensables).

(iii) You must perform a material balance for each component.

(iv) For the emissions from gas evolution, the term for time, t, must be used in Equation 12 to 40 CFR part 63, subpart GGG.

(v) Emissions from empty vessel purging shall be calculated using Equation 36 to 40 CFR part 63, subpart GGG and the exit temperature and exit pressure conditions of the condenser or the conditions of the dedicated receiver.

(vi) You must conduct an engineering assessment as specified in §63.1257(d)(2)(ii) for each emission episode that is not due to vapor displacement, purging, heating, depressurization, vacuum operations, gas evolution, air drying, or empty vessel purging. The requirements of paragraphs (b)(3) through (4) of this section shall apply.

(vii) You may elect to conduct an engineering assessment if you can demonstrate to the Administrator that the methods in §63.1257(d)(3)(i)(B) are not appropriate.

(5) You may elect to designate the batch process vents within a process as Group 1 and not calculate uncontrolled emissions under either of the situations in paragraph (b)(5)(i), (ii), or (iii) of this section.



- (i) If you comply with the alternative standard specified in §63.2505.
 - (ii) If all Group 1 batch process vents within a process are controlled; you conduct the performance test under hypothetical worst case conditions, as defined in §63.1257(b)(8)(i)(B); and the emission profile is based on capture and control system limitations as specified in §63.1257(b)(8)(ii)(C).
 - (iii) If you comply with an emission limit using a flare that meets the requirements specified in §63.987.
- (6) You may change from Group 2 to Group 1 in accordance with either paragraph (b)(6)(i) or (ii) of this section. You must comply with the requirements of this section and submit the test report in the next Compliance report.
- (i) You may switch at any time after operating as Group 2 for at least 1 year so that you can show compliance with the 10,000 pounds per year (lb/yr) threshold for Group 2 batch process vents for at least 365 days before the switch. You may elect to start keeping records of emissions from Group 2 batch process vents before the compliance date. Report a switch based on this provision in your next compliance report in accordance with §63.2520(e)(10)(i).
 - (ii) If the conditions in paragraph (b)(6)(i) of this section are not applicable, you must provide a 60-day advance notice in accordance with §63.2520(e)(10)(ii) before switching.
- (7) As an alternative to determining the uncontrolled organic HAP emissions as specified in §63.1257(d)(2)(i) and (ii), you may elect to demonstrate that non-reactive organic HAP are the only HAP used in the process and non-reactive HAP usage in the process is less than 10,000 lb/yr. You must provide data and supporting rationale in your notification of compliance status report explaining why the non-reactive organic HAP usage will be less than 10,000 lb/yr. You must keep records of the non-reactive organic HAP usage as specified in §63.2525(e)(2) and include information in compliance reports as specified in §63.2520(e)(5)(iv).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 65: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.2460(c), Subpart FFFF

Item 65.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

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Emission Unit: 1-33001

Process: WAT

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Process condensers, as defined in §63.2550(i), are not considered to be control devices for batch process vents. You must determine whether a condenser is a control device for a batch process vent or a process condenser from which the uncontrolled HAP emissions are evaluated as part of the initial compliance demonstration for each MCPU and report the results with supporting rationale in your notification of compliance status report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2460(c), Subpart FFFF

Item 66.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Process: OCC

Emission Unit: 1-33001

Process: 707

Emission Unit: 1-33001

Process: 712

Emission Unit: 1-33001

Process: 724

Emission Unit: 1-33001

Process: ACR

Emission Unit: 1-33001

Process: AIR

Emission Unit: 1-33001

Process: DA1

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Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If a process condenser is used for any boiling operations, you must demonstrate that it is properly operated according to the procedures specified in §63.1257(d)(2)(i)(C)(4)(ii) and (d)(3)(iii)(B), and the demonstration must occur only during the boiling operation. The reference in §63.1257(d)(3)(iii)(B) to the alternative standard in §63.1254(c) means §63.2505 for the purposes of this subpart. As an alternative to measuring the exhaust gas temperature, as required by §63.1257(d)(3)(iii)(B), you may elect to measure the liquid temperature in the receiver.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 67: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2465(b), Subpart FFFF

Item 67.1:

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The Compliance Certification activity will be performed for the Facility.

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If any process vents within a process emit hydrogen halide and halogen HAP, you must determine and sum the uncontrolled hydrogen halide and halogen HAP emissions from each of the process vents within the process using the procedures specified in §63.1257(d)(2)(i) and/or (ii), as appropriate. When §63.1257(d)(2)(ii)(E) requires documentation to be submitted in the precompliance report, it means the notification of compliance status report for the purposes of this paragraph.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2480, Subpart FFFF

Item 68.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1



Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 68.2:

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) through (d) of this section.

(b) If you comply with either subpart H or subpart UU of this part 63, you may elect to comply with the provisions in paragraphs (b)(1) through (5) of this section as an alternative to the referenced provisions in subpart H or subpart UU of this part.

(1) The requirements for pressure testing in §63.179(b) or §63.1036(b) may be applied to all processes, not just batch processes.

(2) For the purposes of this subpart, pressure testing for leaks in accordance with §63.179(b) or §63.1036(b) is not required after reconfiguration of an equipment train if flexible hose connections are the only disturbed equipment.

(3) For an existing source, you are not required to develop an initial list of identification numbers for



connectors as would otherwise be required under §63.1022(b)(1) or §63.181(b)(1)(i).

(4) For connectors in gas/vapor and light liquid service at an existing source, you may elect to comply with the requirements in §63.169 or §63.1029 for connectors in heavy liquid service, including all associated recordkeeping and reporting requirements, rather than the requirements of §63.174 or §63.1027.

(5) For pumps in light liquid service in an MCPU that has no continuous process vents and is part of an existing source, you may elect to consider the leak definition that defines a leak to be 10,000 parts per million (ppm) or greater as an alternative to the values specified in §63.1026(b)(2)(i) through (iii) or §63.163(b)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 69: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2485, Subpart FFFF

Item 69.1:

The Compliance Certification activity will be performed for the Facility.

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) You must meet each requirement in table 7 to this subpart that applies to your wastewater streams and liquid streams in open systems within an MCPU, except as specified in paragraphs (b) through (o) of this section.

(b) Wastewater HAP. Where §63.105 and §§63.132 through 63.148 refer to compounds in table 9 of subpart G of this part 63, the compounds in tables 8 and 9 to this subpart apply for the purposes of this subpart.

(c) Group 1 wastewater. Section 63.132(c)(1) (i) and (ii) do not apply. 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 or equal to 10,000 ppmw at any flowrate, and the total annual load of compounds in table 8 to this subpart is greater than or equal to 200 lb/yr.

(2) The total annual average concentration of compounds in table 8 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 combined total annual average concentration of compounds in tables 8 and 9 to this subpart is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 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 70: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2485, Subpart FFFF

Item 70.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) If you ship wastewater to an offsite treatment facility that meets the requirements of §63.138(h), you may elect to document in your notification of compliance status report that the wastewater will be treated as hazardous waste at a facility that meets the requirements of §63.138(h) as an alternative to having the offsite facility submit the certification specified in §63.132(g)(2).

(2) As an alternative to the management and treatment options specified in §63.132(g)(2), any affected wastewater stream (or residual removed from an affected wastewater stream) with a total annual average

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concentration of compounds in Table 8 to this subpart less than 50 ppmw may be transferred offsite in accordance with paragraphs (i)(2) (i) and (ii) of this section.

(i) The transferee (or you) must demonstrate that less than 5 percent of the HAP in Table 9 to this subpart is emitted from the waste management units up to the activated sludge unit.

(ii) The transferee must treat the wastewater stream or residual in a biological treatment unit in accordance with §§63.138 and 63.145 and the requirements referenced therein.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 71: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2520, Subpart FFFF

Item 71.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB



Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (e) Compliance report. The compliance report must contain the information specified in paragraphs (e)(1) through (10) of this section.
 - (1) Company name and address.
 - (2) Statement by a responsible official with that official's name, title, and signature, certifying the accuracy of the content of the report.
 - (3) Date of report and beginning and ending dates of the reporting period.
 - (4) For each SSM during which excess emissions occur, the compliance report must include records that the procedures specified in your startup, shutdown, and malfunction plan (SSMP) were followed or documentation of actions taken that are not consistent with the SSMP, and include a brief description of each malfunction.
 - (5) The compliance report must contain the information on deviations, as defined in §63.2550, according to paragraphs (e)(5)(i), (ii), (iii), and (iv) of this section.
 - (i) If there are no deviations from any emission limit,



operating limit or work practice standard specified in this subpart, include a statement that there were no deviations from the emission limits, operating limits, or work practice standards during the reporting period.

(ii) For each deviation from an emission limit, operating limit, and work practice standard that occurs at an affected source where you are not using a continuous monitoring system (CMS) to comply with the emission limit or work practice standard in this subpart, you must include the information in paragraphs (e)(5)(ii)(A) through (C) of this section. This includes periods of SSM.

(A) The total operating time of the affected source during the reporting period.

(B) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(C) Operating logs of processes with batch vents from batch operations for the day(s) during which the deviation occurred, except operating logs are not required for deviations of the work practice standards for equipment leaks.

(iii) For each deviation from an emission limit or operating limit occurring at an affected source where you are using a CMS to comply with an emission limit in this subpart, you must include the information in paragraphs (e)(5)(iii)(A) through (L) of this section. This includes periods of SSM.

(A) The date and time that each CMS was inoperative, except for zero (low-level) and high-level checks.

(B) The date, time, and duration that each CEMS was out-of-control, including the information in §63.8(c)(8).

(C) 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.

(D) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total operating time of the affected source during that reporting period.



(E) 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.

(F) 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 operating time of the affected source during that reporting period.

(G) An identification of each HAP that is known to be in the emission stream.

(H) A brief description of the process units.

(I) A brief description of the CMS.

(J) The date of the latest CMS certification or audit.

(K) Operating logs of processes with batch vents from batch operations for each day(s) during which the deviation occurred.

(L) The operating day or operating block average values of monitored parameters for each day(s) during which the deviation occurred.

(iv) If you documented in your notification of compliance status report that an MCPU has Group 2 batch process vents because the non-reactive HAP is the only HAP and usage is less than 10,000 lb/yr, the total uncontrolled organic HAP emissions from the batch process vents in an MCPU will be less than 1,000 lb/yr for the anticipated number of standard batches, or total uncontrolled hydrogen halide and halogen HAP emissions from all batch process vents and continuous process vents in a process are less than 1,000 lb/yr, include the records associated with each calculation required by §63.2525(e) that exceeds an applicable HAP usage or emissions threshold.

(6) If you use a CEMS, and there were no periods during which it was out-of-control as specified in §63.8(c)(7), include a statement that there were no periods during which the CEMS was out-of-control during the reporting period.

(7) Include each new operating scenario which has been operated since the time period covered by the last compliance report and has not been submitted in the notification of compliance status report or a previous



compliance report. For each new operating scenario, you must provide verification that the operating conditions for any associated control or treatment device have not been exceeded and that any required calculations and engineering analyses have been performed. For the purposes of this paragraph, a revised operating scenario for an existing process is considered to be a new operating scenario.

(8) Records of process units added to a PUG as specified in §63.2525(i)(4) and records of primary product redeterminations as specified in §63.2525(i)(5).

(9) Applicable records and information for periodic reports as specified in referenced subparts F, G, H, SS, UU, WW, and GGG of this part and subpart F of 40 CFR part 65.

(10) Notification of process change. (i) Except as specified in paragraph (e)(10)(ii) of this section, whenever you make a process change, or change any of the information submitted in the notification of compliance status report or a previous compliance report, that is not within the scope of an existing operating scenario, you must document the change in your compliance report. A process change does not include moving within a range of conditions identified in the standard batch, and a nonstandard batch does not constitute a process change. The notification must include all of the information in paragraphs (e)(10)(i)(A) through (C) of this section.

(A) A description of the process change.

(B) Revisions to any of the information reported in the original notification of compliance status report under paragraph (d) of this section.

(C) Information required by the notification of compliance status report under paragraph (d) of this section for changes involving the addition of processes or equipment at the affected source.

(ii) You must submit a report 60 days before the scheduled implementation date of any of the changes identified in paragraph (e)(10)(ii)(A), (B), or (C) of this section.

(A) Any change to the information contained in the precompliance report.

(B) A change in the status of a control device from small



to large.

(C) A change from Group 2 to Group 1 for any emission point except for batch process vents that meet the conditions specified in §63.2460(b)(6)(i).

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 1/30/2016.

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

Condition 72: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2520, Subpart FFFF

Item 72.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI



Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(b) Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), you must submit each report by the date in table 11 to this subpart and according to paragraphs (b)(1) through (5) of this section.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for your affected source in §63.2445 and ending on June 30 or December 31, whichever date is the first date following the end of the first 6 months after the compliance date that is specified for your affected source in §63.2445.

(2) The first compliance report must be postmarked or delivered no later than August 31 or February 28, whichever date is the first date following the end of the first reporting period specified in paragraph (b)(1) of this section.

(3) 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.

(4) Each subsequent compliance report must be postmarked or delivered no later than August 31 or February 28, whichever date is the first date following the end of the semiannual reporting period.

(5) For each affected source that is subject to permitting



regulations pursuant to 40 CFR part 70 or 40 CFR part 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 73: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2525, Subpart FFFF

Item 73.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724

Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

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Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must keep the records specified in paragraphs (a) through (k) of this section that apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 74: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.2535(l), Subpart FFFF

Item 74.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-33001
Process: OCC

Emission Unit: 1-33001
Process: 707

Emission Unit: 1-33001
Process: 712

Emission Unit: 1-33001
Process: 724



Emission Unit: 1-33001
Process: ACR

Emission Unit: 1-33001
Process: AIR

Emission Unit: 1-33001
Process: DA1

Emission Unit: 1-33001
Process: FAB

Emission Unit: 1-33001
Process: MIC

Emission Unit: 1-33001
Process: PEI

Emission Unit: 1-33001
Process: SIL

Emission Unit: 1-33001
Process: SOL

Emission Unit: 1-33001
Process: STY

Emission Unit: 1-33001
Process: TBS

Emission Unit: 1-33001
Process: WAT

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You may elect to develop and comply with the requirements for PUG in accordance with paragraphs (1)(1) through (3) of this section.

(1) Procedures to create process unit groups. Develop and document changes in a PUG in accordance with the procedures specified in paragraphs (1)(1)(i) through (v) of this section.

(i) Initially, identify an MCPU that is created from nondedicated equipment that will operate on or after November 10, 2003 and identify all processing equipment that is part of this MCPU, based on descriptions in operating scenarios.



(ii) Add to the group any other nondedicated MCPU and other nondedicated process units expected to be operated in the 5 years after the date specified in paragraph (1)(1)(i) of this section, provided they satisfy the criteria specified in paragraphs (1)(1)(ii)(A) through (C) of this section. Also identify all of the processing equipment used for each process unit based on information from operating scenarios and other applicable documentation.

(A) Each process unit that is added to a group must have some processing equipment that is also part of one or more process units in the group.

(B) No process unit may be part of more than one PUG.

(C) The processing equipment used to satisfy the requirement of paragraph (1)(1)(ii)(A) of this section may not be a storage tank or control device.

(iii) The initial PUG consists of all of the processing equipment for the process units identified in paragraphs (1)(1)(i) and (ii) of this section. As an alternative to the procedures specified in paragraphs (1)(1)(i) and (ii) of this section, you may use a PUG that was developed in accordance with §63.1360(h) as your initial PUG.

(iv) Add process units developed in the future in accordance with the conditions specified in paragraphs (1)(1)(ii)(A) and (B) of this section.

(v) Maintain records that describe the process units in the initial PUG, the procedure used to create the PUG, and subsequent changes to each PUG as specified in §63.2525(i). Submit the records in reports as specified in §63.2520(d)(2)(ix) and (e)(8).

(2) Determine primary product. You must determine the primary product of each PUG created in paragraph (1)(1) of this section according to the procedures specified in paragraphs (1)(2)(i) through (iv) of this section.

(i) The primary product is the type of product (e.g., organic chemicals subject to §63.2435(b)(1), pharmaceutical products subject to §63.1250, or pesticide active ingredients subject to §63.1360) expected to be produced for the greatest operating time in the 5-year period specified in paragraph (1)(1)(ii) of this section.



(ii) If the PUG produces multiple types of products equally based on operating time, then the primary product is the type of product with the greatest production on a mass basis over the 5-year period specified in paragraph (1)(1)(ii) of this section.

(iii) At a minimum, you must redetermine the primary product of the PUG following the procedure specified in paragraphs (1)(2)(i) and (ii) of this section every 5 years.

(iv) You must record the calculation of the initial primary product determination as specified in §63.2525(i)(3) and report the results in the notification of compliance status report as specified in §63.2520(d)(8)(ix). You must record the calculation of each redetermination of the primary product as specified in §63.2525(i)(5) and report the calculation in a compliance report submitted no later than the report covering the period for the end of the 5th year after cessation of production of the previous primary product, as specified in §63.2520(e)(8).

(3) Compliance requirements. (i) If the primary product of the PUG is determined according to paragraph (1)(2) of this section to be material described in §63.2435(b)(1), then you must comply with this subpart for each MCPU in the PUG. You may also elect to comply with this subpart for all other process units in the PUG, which constitutes compliance with other part 63 rules.

(ii) If the primary product of the PUG is determined according to paragraph (1)(2) of this section to be material not described in §63.2435(b)(1), then you must comply with paragraph (1)(3)(ii)(A), (B), or (C) of this section, as applicable.

(A) If the primary product is subject to subpart GGG of this part 63, then comply with the requirements of subpart GGG for each MCPU in the PUG.

(B) If the primary product is subject to subpart MMM of this part 63, then comply with the requirements of subpart MMM for each MCPU in the PUG.

(C) If the primary product is subject to any subpart in this part 63 other than subpart GGG or subpart MMM, then comply with the requirements of this subpart for each MCPU in the PUG.

(iii) The requirements for new and reconstructed sources in the alternative subpart apply to all MCPU in the PUG if



and only if the affected source under the alternative subpart meets the requirements for construction or reconstruction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 75: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3350(f), Subpart JJJJ

Item 75.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is complying with the emission limits in §63.3320 through the use of a capture system and control device for one or more coating lines, the facility must develop a site-specific monitoring plan containing the following information for these capture systems:

- 1) The monitoring plan must identify the operating parameter to be monitored to ensure that the capture efficiency determined during the initial compliance test is maintained.
- 2) The monitoring plan must explain why this parameter is appropriate for demonstrating ongoing compliance.
- 3) The monitoring plan must identify the specific monitoring procedures
- 4) The monitoring plan must specify the operating parameter value or range of values that demonstrate compliance with the emission standards in §63.3320. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

The facility must monitor the capture system in accordance with the site-specific monitoring plan. Any deviation from the operating parameter value or range of values will be considered a deviation from the emission limit. The facility must review and update the capture system monitoring plan at least annually and make the plan

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available for inspection by the NYSDEC upon request.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 76: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1

Process: CC1

Emission Unit: 1-14CC1

Process: CC4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliant coatings will be non-HAP volatiles w/o organic HAP determined to be present at greater than 0.1% for carcinogens and 1.0% for non-carcinogens. Evaluate as per 40 CFR 63.3360(c), Subpart JJJJ prior to use. Maintain records of organic HAP content of compliant coatings.

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 77: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 77.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1

Process: CC1



Monitoring Description:

If the facility complies by using coating materials that individually meet the emission standards in §63.3320(b)(2) or (3), the facility must demonstrate that each coating material applied during the month at an existing affected source contains no more than 0.04 mass fraction of organic HAP or 0.2 kg organic HAP per kg coating solids. The facility is in compliance with the emission standards if each coating material satisfies the above criteria and is applied as-purchased.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 79: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3370(e), Subpart JJJJ

Item 79.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1
Process: CC1

Emission Unit: 1-14CC1
Process: CC4

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is complying with the emission standards in §63.3320(b)(2) or (3) by using the "as-applied" coating materials option, the facility must demonstrate compliance by following one of the procedures in §63.3370(c)(1)-(4).

Compliance is determined when:

1) The organic HAP content of each coating material as-applied at an existing affected source is no more than 0.04 kg organic HAP per kg coating material or 0.2 kg kg



organic HAP per kg coating solids; or

2) The monthly average organic HAP content of all as-applied coating materials at an existing affected source are no more than 0.04 kg organic HAP per kg coating material or 0.2 kg organic HAP per kg coating solids; or

3) Demonstrate that the monthly average as-applied organic HAP content of all coating materials applied at an existing affected source is less than 0.04 kg organic HAP per kg of coating material applied; or

4) Demonstrate that the monthly average as-applied organic HAP content on the basis of coating solids applied of all coating materials applied at an existing affected source is less than 0.20 kg organic HAP per kg coating solids applied

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 80: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.3400(c), Subpart JJJJ

Item 80.1:

The Compliance Certification activity will be performed for the Facility.

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit a semiannual compliance report according to the following schedule:

The first compliance report must cover the period beginning on the compliance date that is specified for the affected source in §63.3330 and ending on June 30 or December 31, whichever date is the first date following the end of the calendar half immediately following the compliance date. The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the calendar half



immediately following the compliance date.

Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual period from July 1 to December 31. Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

The semiannual compliance report shall contain the following information:

- company name and address
- statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report
- date of report and beginning and ending dates of the reporting period
- if there were no deviations from any emission limitations (emission limit or operating limit) that apply to the facility, a statement that there were no deviations from the emission limitations during the reporting period, and that no continuous monitoring system was inoperative, inactive, malfunctioning, out-of-control, repaired, or adjusted.
- for each deviation from an emission limitation (emission limit or operating limit) that applied to the facility and that occurs at an affected source where the facility is not using a continuous emission monitoring system to comply with the emission limitations, the compliance report must contain the total operating time of each affected source during the reporting period, information on the number, duration, and cause of deviations (including known causes), if applicable, and the corrective action taken, information on the number, duration, and cause for CPMS downtime incidents, if applicable, other than downtime associated with zero and span and other calibration checks.
- for each deviation from an emission limit occurring at an affected source where a CEMS is used, the information in §63.3370(c)(2)(vi)(A)-(J) shall be submitted.

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 1/30/2016.

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

Condition 81: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020



Applicable Federal Requirement:40CFR 63.3400(g), Subpart JJJJ

Item 81.1:

The Compliance Certification activity will be performed for the Facility.

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit startup, shutdown, and malfunction reports as specified in §63.10(d)(5), except that the provisions in subpart A of this part pertaining to startups, shutdowns, and malfunctions do not apply unless a control device is used to comply with this subpart.

(1) If actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are not consistent with the procedures specified in the affected source's SSMP required by §63.6(e)(3), the owner or operator must state such information in the report. The startup, shutdown, or malfunction report must consist of a letter containing the name, title, and signature of the responsible official who is certifying its accuracy and must be submitted to the Administrator.

(2) Separate startup, shutdown, and malfunction reports are not required if the information is included in the report specified in paragraph (c)(2)(vi) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 82: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3410, Subpart JJJJ

Item 82.1:

The Compliance Certification activity will be performed for the Facility.

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of an affected source must maintain the following records on a monthly basis for at least five



years after each occurrence that requires recordkeeping. The latest two years must be kept on site and readily available, and the remaining 3 years may be kept off-site or on computer or other means as specified in §63.10(b)(1):

- The records specified in §63.10(b)(2) of all measurements needed to demonstrate compliance with Subpart JJJ, including continuous emission monitor data in accordance with §63.3350(d)
- control device and capture system operating parameter data in accordance with §63.3350(c),(e), and (f)
- organic HAP content data for the purpose of demonstrating compliance in accordance with §63.3360(c)
- volatile matter and coating solids content data for the purpose of demonstrating compliance with §63.3360(d)
- overall control efficiency determination using capture efficiency and control device destruction or removal efficiency test results in accordance with §63.3360(e) and (f)
- material usage, organic HAP usage, volatile matter usage, and coating solids usage and compliance demonstrations using these data in accordance with §63.3370(b), (c), and (d)
- records specified in §63.10(c) for each continuous monitoring system operated by the owner/operator in accordance with §63.3350(b)
- records of all liquid-liquid material balances performed in accordance with §63.3370.

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 1/30/2016.

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

Condition 83: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4300(b), Subpart OOOO

Item 83.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1

Process: CC5

Emission Unit: 1-14NC1

Process: CC2

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Emission Unit: 1-14NC1
Process: NC1

Emission Unit: 1-14NC2
Process: CC3

Emission Unit: 1-14NC2
Process: NC2

Item 83.2:

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 §63.6(e)(1)(i).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 84: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4311(a), Subpart OOOO

Item 84.1:

The Compliance Certification activity will be performed for the Facility.

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit semiannual compliance reports for each affected source according to the requirements in §63.4311(a)(3)-(8) by the dates specified in §63.4311(a)(1). The semiannual compliance reporting requirements of this condition may be satisfied by reports required under the Title V program, as specified in §63.4311(a)(2).

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 1/30/2016.

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



Condition 85: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.4312, Subpart OOOO

Item 85.1:

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

Emission Unit: 1-14CC1
Process: CC5

Emission Unit: 1-14NC1
Process: CC2

Emission Unit: 1-14NC1
Process: NC1

Emission Unit: 1-14NC2
Process: CC3

Emission Unit: 1-14NC2
Process: NC2

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must collect and keep a record of the data and information specified in this section. Failure to collect and keep these records is a deviation from the applicable standard.

(a) A copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.

(b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data or test data used to determine the mass fraction of organic HAP for coating, printing, slashing, dyeing, finishing, thinning, and cleaning materials; and the mass fraction of solids for coating and printing materials. If you conducted testing to determine mass fraction of organic HAP of coating materials or the mass fraction of solids of coating materials, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the



summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each compliance period, the records specified in paragraph (c)(1) of this section for web coating/printing operations and the records specified in paragraph (c)(2) of this section for dyeing/finishing operations.

(1) A record of the web coating/printing operations on which you used each compliance option and the time periods (beginning and ending dates) you used each option. For each month, a record of all required calculations for the compliance option(s) you used, as specified in paragraphs (c)(1)(i) through (iv) of this section.

(i) For the compliant material option, a record of the calculation of the organic HAP content, as purchased, for each coating and printing material applied, using Equation 1 of §63.4321.

(ii) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coating, printing, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of §63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in waste materials according to §63.4331(a)(4)(iii); the calculation of the total mass of the solids contained in all coating and printing materials applied each compliance period using Equation 2 of §63.4331; and the calculation of the organic HAP emission rate for each compliance period using Equation 3 of §63.4331.

(iii) For the emission rate with add-on controls option, a record of the calculation of the total mass of organic HAP emissions before add-on controls for the coating, printing, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of §63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in waste materials according to §63.4331(a)(4)(iii); the calculation of the total mass of the solids contained in all coating and printing materials applied each compliance period using Equation 2 of §63.4331; the calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1, 1A, 1B, and 1C of §63.4341 and Equations 2, 3, 3A, and 3B of §63.4341, as applicable; and the calculation of the organic HAP emission rate for each compliance



period using Equation 4 of §63.4341.

(iv) For the organic HAP overall control efficiency option or the oxidizer outlet organic HAP concentration option, the records specified in paragraph (j) of this section.

(e) A record of the mass fraction of organic HAP for each regulated material applied during each compliance period.

(f) A record of the mass fraction of coating and printing solids for each coating and printing material applied during each compliance period.

(g) If you use an allowance in Equation 1 or 4 of §63.4331 for organic HAP contained in waste materials sent to, or designated for shipment to, a treatment, storage, and disposal facility (TSDF) according to §63.4331(a)(4)(iii) or (b)(3)(ii), you must keep records of the information specified in paragraphs (g)(1) through (3) of this section.

(1) The name and address of each TSDF to which you sent waste materials for which you used an allowance in Equation 1 or 4 of §63.4331, a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility, and the date of each shipment.

(2) Identification of the web coating/printing or dyeing/finishing operations producing waste materials included in each shipment and the compliance period(s) in which you used the allowance for these materials in Equation 1 or 4, respectively, of §63.4331.

(3) The methodology used in accordance with §63.4331(a)(3)(iii) or (b)(4)(ii) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each compliance period; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

(h) If you use an allowance in Equation 4 of §63.4331 for organic HAP contained in wastewater discharged to a POTW or treated onsite prior to discharge according to §63.4331(c), you must keep records of the



information specified in paragraphs (h)(1) and (2) of this section.

(1) Documentation that the wastewater was either discharged to a POTW or onsite secondary wastewater treatment.

(2) Calculation of the allowance, WW , using the fraction of organic HAP applied in affected processes that is discharged to the wastewater determined from the most recent performance test and the mass of organic HAP in the dyeing and finishing materials applied during the compliance period, A , calculated in Equation 4 of §63.4331.

(i) You must keep records of the date, time, and duration of each deviation.

(j) If you use the emission rate with add-on controls option, the organic HAP overall control efficiency option, or the oxidizer outlet organic HAP concentration option, you must keep the records specified in paragraphs (j)(1) through (8) of this section.

(1) For each deviation, a record of whether the deviation occurred during a period of startup, shutdown, or malfunction.

(2) The records in §63.6(e)(3)(iii) through (v) related to startup,

(3) The records required to show continuous compliance with each operating limit specified in Table 2 to this subpart that applies to you.

(4) For each capture system that is a PTE, the data and documentation you used to support a determination that the capture system meets the criteria in Method 204 of appendix M to 40 CFR part 51 for a PTE and has a capture efficiency of 100 percent, as specified in §63.4361(a).

(5) For each capture system that is not a PTE, the data and documentation you used to determine capture efficiency according to the requirements specified in §§63.4360 and 63.4361(b) through (e) including the records specified in paragraphs (j)(5)(i) through (iii) of this section that apply to you.

(i) Records for a liquid-to-fugitive protocol using a temporary total enclosure or building enclosure. Records of the mass of total volatile hydrocarbon (TVH) as



measured by Method 204A or F of appendix M to 40 CFR Part 51 for each regulated material applied in the webcoating/printing or dyeing/finishing operation, and the total TVH for all materials applied during each capture efficiency test run, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run, as measured by Method 204D or E of appendix M to 40 CFR part 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(ii) Records for a gas-to-gas protocol using a temporary total enclosure or a building enclosure. Records of the mass of TVH emissions captured by the emission capture system as measured by Method 204B or C of appendix M to 40 CFR part 51 at the inlet to the add-on control device, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run as measured by Method 204D or E of appendix M to 40 CFR part 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(iii) Records for an alternative protocol. Records needed to document a capture efficiency determination using an alternative method or protocol as specified in §63.4361(e), if applicable.

(6) The records specified in paragraphs (j)(6)(i) and (ii) of this section for each add-on control device organic HAP destruction or removal efficiency determination or oxidizer outlet organic HAP concentration determination as specified in §63.4362.

(i) Records of each add-on control device performance test conducted according to §§63.4360 and 63.4362.

(ii) Records of the web coating/printing or dyeing/finishing operation conditions during the add-on control device performance test showing that the performance test was conducted under representative operating conditions.



(7) Records of the data and calculations you used to establish the emission capture and add-on control device operating limits as specified in §63.4363 and to document compliance with the operating limits as specified in Table 2 to this subpart.

(8) A record of the work practice plan required by §63.4293 and documentation that you are implementing the plan on a continuous basis.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 86: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4313, Subpart OOOO

Item 86.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1
Process: CC5

Emission Unit: 1-14NC1
Process: CC2

Emission Unit: 1-14NC1
Process: NC1

Emission Unit: 1-14NC2
Process: CC3

Emission Unit: 1-14NC2
Process: NC2

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

(b) As specified in §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.

(c) You must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You may keep the records off site for the remaining 3 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

****** Emission Unit Level ******

**Condition 87: Emission Point Definition By Emission Unit
Effective between the dates of 11/04/2015 and 11/03/2020**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 87.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-14CC1

Emission Point: 12009
Height (ft.): 33 Diameter (in.): 17
NYTMN (km.): 4739.488 NYTME (km.): 583.127 Building: RV14

Emission Point: 12021
Height (ft.): 56 Diameter (in.): 16
NYTMN (km.): 4739.951 NYTME (km.): 583.111 Building: RV14

Emission Point: 12022
Height (ft.): 39 Diameter (in.): 8
NYTMN (km.): 4739.512 NYTME (km.): 583.126 Building: RV14

Emission Point: 12023
Height (ft.): 36 Diameter (in.): 36
NYTMN (km.): 4739.49 NYTME (km.): 583.128 Building: RV14

Item 87.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-14NC1

Emission Point: 12006
Height (ft.): 60 Diameter (in.): 30
NYTMN (km.): 4739.496 NYTME (km.): 583.104 Building: RV14



Emission Point: 12007
Height (ft.): 59 Diameter (in.): 10
NYTMN (km.): 4739.512 NYTME (km.): 583.078 Building: RV14

Emission Point: 12008
Height (ft.): 59 Diameter (in.): 10
NYTMN (km.): 4739.512 NYTME (km.): 583.081 Building: RV14

Emission Point: 12012
Height (ft.): 42 Diameter (in.): 22
NYTMN (km.): 4739.478 NYTME (km.): 583.086 Building: RV14

Emission Point: 12013
Height (ft.): 60 Diameter (in.): 54
NYTMN (km.): 4739.472 NYTME (km.): 583.09 Building: RV14

Emission Point: 12016
Height (ft.): 59 Diameter (in.): 12
NYTMN (km.): 4739.519 NYTME (km.): 583.08 Building: RV14

Emission Point: 12017
Height (ft.): 57 Diameter (in.): 21
NYTMN (km.): 4739.517 NYTME (km.): 583.079 Building: RV14

Emission Point: 12039
Height (ft.): 57 Length (in.): 19 Width (in.): 19
NYTMN (km.): 4739.513 NYTME (km.): 583.079 Building: RV14

Emission Point: 12040
Height (ft.): 57 Length (in.): 19 Width (in.): 19
NYTMN (km.): 4739.515 NYTME (km.): 583.08 Building: RV14

Emission Point: 12041
Height (ft.): 57 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4739.519 NYTME (km.): 583.082 Building: RV14

Emission Point: 12042
Height (ft.): 57 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4739.521 NYTME (km.): 583.082 Building: RV14

Emission Point: 12044
Height (ft.): 55 Diameter (in.): 16
NYTMN (km.): 4739.501 NYTME (km.): 583.109 Building: RV14

Item 87.3:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-14NC2

Emission Point: 12002
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.489 NYTME (km.): 583.063 Building: RV14

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Emission Point: 12003
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.484 NYTME (km.): 583.073 Building: RV14

Emission Point: 12004
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.479 NYTME (km.): 583.083 Building: RV14

Emission Point: 12005
Height (ft.): 44 Diameter (in.): 20
NYTMN (km.): 4739.486 NYTME (km.): 583.07 Building: RV14

Emission Point: 12038
Height (ft.): 37 Diameter (in.): 14
NYTMN (km.): 4739.486 NYTME (km.): 583.068 Building: RV14

Emission Point: 12043
Height (ft.): 36 Diameter (in.): 18
NYTMN (km.): 4739.498 NYTME (km.): 583.053 Building: RV14

Emission Point: 12045
Height (ft.): 47 Diameter (in.): 36
NYTMN (km.): 4739.494 NYTME (km.): 583.053 Building: RV14

Emission Point: 12046
Height (ft.): 60 Diameter (in.): 16
NYTMN (km.): 4739.499 NYTME (km.): 583.098 Building: RV14

Emission Point: 12047
Height (ft.): 60 Diameter (in.): 16
NYTMN (km.): 4739.494 NYTME (km.): 583.109 Building: RV14

Item 87.4:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-14SL1

Emission Point: 12015
Height (ft.): 19 Length (in.): 16 Width (in.): 13
NYTMN (km.): 4739.511 NYTME (km.): 583.139 Building: RV14

Emission Point: 12018
Height (ft.): 44 Diameter (in.): 10
NYTMN (km.): 4739.531 NYTME (km.): 583.088 Building: RV14

Emission Point: 12019
Height (ft.): 45 Diameter (in.): 30
NYTMN (km.): 4739.529 NYTME (km.): 583.089 Building: RV14

Emission Point: 12020
Height (ft.): 40 Diameter (in.): 24

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NYTMN (km.): 4739.521 NYTME (km.): 583.105 Building: RV14
Emission Point: 12035
Height (ft.): 17 Diameter (in.): 6
NYTMN (km.): 4739.517 NYTME (km.): 583.141 Building: RV14

Item 87.5:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-33001

Emission Point: 12100
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4739.638 NYTME (km.): 583.82 Building: RV33

Emission Point: 12101
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4739.645 NYTME (km.): 582.824 Building: RV33

Emission Point: 12102
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4739.642 NYTME (km.): 582.822 Building: RV33

Emission Point: 12103
Height (ft.): 36 Diameter (in.): 3
NYTMN (km.): 4739.657 NYTME (km.): 582.831 Building: RV33

Emission Point: 12104
Height (ft.): 37 Diameter (in.): 4
NYTMN (km.): 4739.646 NYTME (km.): 582.835 Building: RV33

Emission Point: 12105
Height (ft.): 36 Diameter (in.): 4
NYTMN (km.): 4739.647 NYTME (km.): 582.819 Building: RV33

Emission Point: 12106
Height (ft.): 34 Diameter (in.): 4
NYTMN (km.): 4739.651 NYTME (km.): 582.835 Building: RV33

Emission Point: 12107
Height (ft.): 25 Length (in.): 14 Width (in.): 14
NYTMN (km.): 4739.651 NYTME (km.): 582.835 Building: RV33

Emission Point: 12108
Height (ft.): 27 Diameter (in.): 6
NYTMN (km.): 4739.653 NYTME (km.): 582.834 Building: RV33

Emission Point: 12109
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4739.644 NYTME (km.): 582.817 Building: RV33

Emission Point: 12110

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Height (ft.): 28	Length (in.): 24	Width (in.): 20
NYTMN (km.): 4739.655	NYTME (km.): 582.822	Building: RV33
Emission Point: 12112		
Height (ft.): 23	Diameter (in.): 4	
NYTMN (km.): 4739.628	NYTME (km.): 582.82	Building: RV33
Emission Point: 12113		
Height (ft.): 27	Diameter (in.): 8	
NYTMN (km.): 4739.626	NYTME (km.): 582.83	Building: RV33
Emission Point: 12122		
Height (ft.): 31	Length (in.): 24	Width (in.): 20
NYTMN (km.): 4739.652	NYTME (km.): 582.821	Building: RV33
Emission Point: 12123		
Height (ft.): 27	Length (in.): 26	Width (in.): 20
NYTMN (km.): 4739.652	NYTME (km.): 582.834	Building: RV33
Emission Point: 12124		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4739.654	NYTME (km.): 582.838	Building: RV33
Emission Point: 12126		
Height (ft.): 4	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4739.645	NYTME (km.): 582.836	Building: RV33
Emission Point: 12127		
Height (ft.): 4	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4739.648	NYTME (km.): 582.837	Building: RV33
Emission Point: 12130		
Height (ft.): 32	Diameter (in.): 4	
NYTMN (km.): 4739.643	NYTME (km.): 582.816	Building: RV33
Emission Point: 12131		
Height (ft.): 40	Diameter (in.): 4	
NYTMN (km.): 4739.663	NYTME (km.): 582.826	Building: RV33
Emission Point: 12132		
Height (ft.): 18	Length (in.): 36	Width (in.): 24
NYTMN (km.): 4739.658	NYTME (km.): 582.839	Building: RV33
Emission Point: 12133		
Height (ft.): 56	Diameter (in.): 8	
NYTMN (km.): 4739.659	NYTME (km.): 582.841	Building: RV33
Emission Point: 12139		
Height (ft.): 25	Diameter (in.): 12	
NYTMN (km.): 4739.634	NYTME (km.): 582.793	Building: RV33
Emission Point: 12140		

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Height (ft.): 31	Diameter (in.): 2	
NYTMN (km.): 4739.629	NYTME (km.): 582.821	Building: RV33
Emission Point: 12141		
Height (ft.): 31	Diameter (in.): 2	
NYTMN (km.): 4739.625	NYTME (km.): 582.832	Building: RV33
Emission Point: 12142		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.683	NYTME (km.): 582.832	Building: RV33
Emission Point: 12143		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.685	NYTME (km.): 582.833	Building: RV33
Emission Point: 12144		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.687	NYTME (km.): 582.835	Building: RV33
Emission Point: 12145		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.69	NYTME (km.): 582.836	Building: RV33
Emission Point: 12148		
Height (ft.): 39	Diameter (in.): 18	
NYTMN (km.): 4739.692	NYTME (km.): 582.838	Building: RV33
Emission Point: 12149		
Height (ft.): 44	Diameter (in.): 8	
NYTMN (km.): 4739.68	NYTME (km.): 582.832	Building: RV33
Emission Point: 12150		
Height (ft.): 10	Diameter (in.): 20	
NYTMN (km.): 4739.642	NYTME (km.): 582.792	Building: RV33
Emission Point: 12151		
Height (ft.): 21	Diameter (in.): 8	
NYTMN (km.): 4739.679	NYTME (km.): 582.82	Building: RV33
Emission Point: 12152		
Height (ft.): 29	Length (in.): 50	Width (in.): 30
NYTMN (km.): 4739.65	NYTME (km.): 582.827	Building: RV33
Emission Point: 12153		
Height (ft.): 24	Length (in.): 50	Width (in.): 30
NYTMN (km.): 4739.657	NYTME (km.): 582.811	Building: RV33
Emission Point: 12155		
Height (ft.): 25	Diameter (in.): 12	
NYTMN (km.): 4739.627	NYTME (km.): 582.824	Building: RV33
Emission Point: 12156		

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Height (ft.): 27 Length (in.): 12 Width (in.): 9
NYTMN (km.): 4739.645 NYTME (km.): 582.832 Building: RV33

Emission Point: 12157
Height (ft.): 11 Length (in.): 36 Width (in.): 36
NYTMN (km.): 4739.678 NYTME (km.): 582.819 Building: RV33

Emission Point: 12158
Height (ft.): 5 Length (in.): 36 Width (in.): 36
NYTMN (km.): 4739.662 NYTME (km.): 582.813 Building: RV33

Item 87.6:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-42001

Emission Point: 12304
Height (ft.): 14 Length (in.): 11 Width (in.): 7
NYTMN (km.): 4739.549 NYTME (km.): 582.844 Building: RV42

Item 87.7:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-TANKS

Emission Point: 12146
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.626 NYTME (km.): 582.855 Building: TANKFARM

Emission Point: 12147
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.626 NYTME (km.): 582.855 Building: TANKFARM

Emission Point: 12161
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.625 NYTME (km.): 582.855 Building: TANKFARM

Emission Point: 12162
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.625 NYTME (km.): 582.855 Building: TANKFARM

Emission Point: 12163
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.625 NYTME (km.): 582.855 Building: TANKFARM

Emission Point: 12164
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.625 NYTME (km.): 582.855 Building: TANKFARM

Item 87.8:

The following emission points are included in this permit for the cited Emission Unit:

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Emission Unit: 2-TANKS

Emission Point: 12165
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12166
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12167
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12168
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12169
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12170
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12171
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Emission Point: 12172
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4739.514 NYTME (km.): 583.101 Building: TANKFARM

Condition 88: Process Definition By Emission Unit
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 88.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14CC1
Process: CC1 Source Classification Code: 4-02-999-95

Process Description:

This process includes the use of compliant coatings on the Kiss Coater, which is subject to the Paper and Other Web Coating NESHAP (40 CFR Part 63, Subaprt JJJJ). Includes the Small and Large Batch Ovens. Also see FB-2 for fuel burning associated with the ovens. Compliant coatings are those that contain <= 0.08 lb VOC/lb coating for paper coating and <= 2.9 lb VOC/gallon of coating for



fabric coating in accordance with Subpart 228-1, and \leq 0.04 lb organic HAP/lb coating materials applied each month or \leq 0.20 lb organic HAP/lb coating solids applied each month in accordance with 40 CFR Part 63, Subpart JJJJ (Paper and Other Web Coating NESHAP).

Emission Source/Control: OKISS - Process

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 88.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14CC1

Process: CC4

Source Classification Code: 4-02-999-95

Process Description:

This process includes the use of compliant coatings on the Kiss II Coater, which is subject to the POWC NESHAP (40 CFR Part 63, Subpart JJJJ) and NSPS Subpart VVV. Includes the Small and Large Batch Ovens. Also see FB2 for fuel burning associated with these sources. Compliant coatings are those that contain \leq 0.08 lb VOC/lb coating for paper coating and \leq 2.9 lb VOC/gallon of coating for fabric coating in accordance with Subpart 228-1, and \leq 0.04 lb organic HAP/lb coating materials applied each month or \leq 0.20 lb organic HAP/lb coating solids applied each month in accordance with 40 CFR Part 63, Subpart JJJJ (Paper and Other Web Coating NESHAP).

Emission Source/Control: KISS2 - Process

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 88.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14CC1

Process: CC5

Source Classification Code: 4-02-999-95

Process Description:

This process includes the use of compliant coatings on the 1531 Hot Melt Treater, which is subject to the Fabric Coating NESHAP (40 CFR Part 63, Subpart OOOO). Includes the Small and Large Batch Ovens. Also see FB2 for fuel burning associated with these sources. Compliant coatings are those that contain \leq 0.08 lb VOC/lb coating for paper coating and \leq 2.9 lb VOC/gallon of coating for fabric coating in accordance with Subpart 228-1, and \leq 0.12 lb organic HAP/lb of solids applied for each coating

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material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in accordance with 40 CFR Part 63, Subpart OOOO (Fabric Coating NESHAP).

Emission Source/Control: 01531 - Process

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 88.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14CC1

Process: FB2

Source Classification Code: 4-02-010-01

Process Description:

Natural Gas Burning associated with EU 1-14CC1 (Small and Large Batch Ovens).

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 88.5:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC1

Process: CC2

Source Classification Code: 4-02-999-95

Process Description:

This process includes the use of compliant coatings on the treaters in EU 1-14NC1, which are subject to the Fabric Coating NESHAP (40 CFR Part 63, Subpart OOOO). Process includes all VOC and HAP in the coating systems and any solvents used. Includes the following processes: 1040 Treater, Laminator and Vertical Towers 1 & 2. Compliant coatings are those that contain \leq 0.08 lb VOC/lb coating for paper coating and \leq 2.9 lb VOC/gallon of coating for fabric coating in accordance with Subpart 228-1, and \leq 0.12 lb organic HAP/lb of solids applied for each coating material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in accordance with 40 CFR Part 63, Subpart OOOO (Fabric Coating NESHAP).

Emission Source/Control: 00LAM - Process



Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 88.6:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC1

Process: FB1

Source Classification Code: 4-02-010-01

Process Description:

Natural gas fuel burning associated with EU 1-14NC1 (the four coating line ovens and the fuel used to maintain the temperature of the OX1 Thermal Oxidizer).

Emission Source/Control: 00OX1 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 00LAM - Process

Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 88.7:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC1

Process: NC1

Source Classification Code: 4-02-999-95

Process Description:

All 4 surface coating lines associated with EU 1-14NC1 are batch operations employing a wide variety of non-compliant coatings (>2.9 lb VOC/gal. for fabric and > 0.08 lb VOC/lb coating for paper/film in accordance with Subpart 228-1, and > 0.12 lb organic HAP/lb of solids applied for each coating material and use of thinning and cleaning materials that contain organic HAP (i.e., organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in accordance with the Fabric Coating NESHAP (40 CFR Part 63, Subpart OOOO). Process includes all VOCs and HAPs in the coating systems and in any solvents used. Also see FB1 for fuel burning from this source.

Emission Source/Control: 00OX1 - Control

Control Type: DIRECT FLAME AFTERBURNER



Emission Source/Control: 00LAM - Process

Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 88.8:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC2

Process: BD1

Source Classification Code: 3-99-900-03

Process Description:

1196 A Treater Belt Drier is part of the process where sodium hydroxide solution is sprayed on the belt and hot air is used to dry the belt prior to its entry into the coating section of the treater.

Emission Source/Control: 01196 - Process

Item 88.9:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC2

Process: CC3

Source Classification Code: 4-02-999-95

Process Description:

This process includes the use of compliant coatings on the treaters in EU 1-14NC2 including the following processes: 1196 Treater, Reverse Roll Coater and 1050 Treater. Compliant coatings are those that contain \leq 0.08 lb VOC/lb coating for paper coating and \leq 2.9 lb VOC/gallon of coating for fabric coating in accordance with Subpart 228-1, and \leq 0.12 lb organic HAP/lb of solids applied for each coating material and use of only thinning and cleaning materials that contain no organic HAP (i.e., no organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in accordance with 40 CFR Part 63, Subpart OOOO (Fabric Coating NESHAP). The 1050 Treater is also subject to NSPS Subpart VVV.

Emission Source/Control: 00RRC - Process

Emission Source/Control: 01050 - Process

Emission Source/Control: 01196 - Process

Item 88.10:

This permit authorizes the following regulated processes for the cited Emission Unit:

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Emission Unit: 1-14NC2

Process: FB3

Source Classification Code: 4-02-010-01

Process Description:

Natural gas fuel burning associated with EU 1-14NC2 (the 1196 Treater ovens and the fuel used to maintain the temperature of the Thermal Oxidizer OX2).

Emission Source/Control: 00OX2 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 01196 - Process

Item 88.11:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14NC2

Process: NC2

Source Classification Code: 4-02-999-95

Process Description:

All surface coating lines associated with EU 1-14NC2 are batch operations employing a wide variety of non-compliant coatings (>2.9 lb VOC/gal for fabric and >0.08 lb VOC/lb coating for paper/film in accordance with Subpart 228-1, and > 0.12 lb organic HAP/lb of solids applied for each coating material and use of thinning and cleaning materials that contain organic HAP (i.e., organic HAP is present at 0.1% by mass or more for OSHA-defined carcinogens as specified in 20 CFR 1910.1200(d)(4) and at 1.0% by mass or more for other compounds) in accordance with the Fabric Coating NESHAP (40 CFR Part 63, Subpart OOOO)). Process includes all VOCs and HAPs in the coating systems and in any solvents used. Also see FB3 for fuel burning from this source.

Emission Source/Control: 00OX2 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 00RRC - Process

Emission Source/Control: 01050 - Process

Emission Source/Control: 01196 - Process

Item 88.12:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14SL1

Process: SLD

Source Classification Code: 3-99-999-99

Process Description:

Slitter Ventilation at slitter D picks up edge trimmings from master rolls containing mica dust lost by the processing of master roll to tape roll by slitting and



packaging.

Emission Source/Control: 00BH3 - Control
Control Type: FABRIC FILTER

Emission Source/Control: SLITD - Process

Item 88.13:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-14SL1
Process: SLV Source Classification Code: 3-99-999-99
Process Description:
Slitter Ventilation picks up trace amounts of volatiles
lost by the processing of master roll to tape roll by
slitting and packaging.

Emission Source/Control: CONWB - Process

Emission Source/Control: OODR1 - Process

Emission Source/Control: RONDO - Process

Emission Source/Control: SLITA - Process

Emission Source/Control: SLITB - Process

Emission Source/Control: SLITC - Process

Emission Source/Control: SLITD - Process

Item 88.14:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001
Process: OCC Source Classification Code: 3-99-999-99
Process Description:
CC-3315 family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER



Emission Source/Control: 000R4 - Process
Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process
Emission Source/Control: C005P - Process
Emission Source/Control: C037P - Process
Emission Source/Control: C0R4P - Process

Item 88.15:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001
Process: 707 Source Classification Code: 3-99-999-99
Process Description:
707 family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process
Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process
Emission Source/Control: C005P - Process
Emission Source/Control: C037P - Process



Emission Source/Control: C0R4P - Process

Emission Source/Control: CBT5P - Process

Item 88.16:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: 712

Source Classification Code: 3-99-999-99

Process Description:

712 family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: SCR01 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Emission Source/Control: CBT5P - Process

Item 88.17:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: 724

Source Classification Code: 3-99-999-99

Process Description:

724 family of materials (FOM) consisting of Group 2

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process vents subject to the MON.

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Emission Source/Control: CBT5P - Process

Item 88.18:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: ACR

Source Classification Code: 3-99-999-99

Process Description:

AcryMethacry family of materials (FOM) consisting of
Group 2 process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

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Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.19:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: AFL

Source Classification Code: 3-99-999-99

Process Description:

Preparation of coatings applied on site as part of affiliated operations subject to paper and Other Web Coating NESHAP (40 CFR Part 63, Subpart JJJJ) or Fabric Coating NESHAP (40 CFR Part 63, Subpart OOOO). This process is not subject to either the MON or MCM regulations.

Emission Source/Control: C002C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C005C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C037C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C0R4C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT1C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT2C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT3C - Control
Control Type: REFRIGERATED CONDENSER

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Emission Source/Control: CBT4C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT6C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT7C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT8C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT1C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT2C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT3C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCBT8 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT1 - Process

Emission Source/Control: 00BT2 - Process

Emission Source/Control: 00BT3 - Process

Emission Source/Control: 00BT4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 00BT6 - Process

Emission Source/Control: 00BT7 - Process



- Emission Source/Control: 00BT8 - Process
- Emission Source/Control: 00LAP - Process
- Emission Source/Control: 00RED - Process
- Emission Source/Control: 02000 - Process
- Emission Source/Control: 03700 - Process
- Emission Source/Control: 05000 - Process
- Emission Source/Control: 0BT11 - Process
- Emission Source/Control: 0BT12 - Process
- Emission Source/Control: 0COWL - Process
- Emission Source/Control: 0LTR1 - Process
- Emission Source/Control: 0LTR2 - Process
- Emission Source/Control: 0LTR3 - Process
- Emission Source/Control: CHANG - Process
- Emission Source/Control: DOUGH - Process
- Emission Source/Control: WHITE - Process

Item 88.20:

This permit authorizes the following regulated processes for the cited Emission Unit:

- Emission Unit: 1-33001
- Process: AIR Source Classification Code: 3-99-999-99
- Process Description:
 - Air Dry family of materials (FOM) consisting of Group 2 process vents subject to the MON.
- Emission Source/Control: CBT5C - Control
- Control Type: REFRIGERATED CONDENSER
- Emission Source/Control: SCR02 - Control
- Control Type: VENTURI SCRUBBER
- Emission Source/Control: SCR37 - Control
- Control Type: WET SCRUBBER
- Emission Source/Control: SCRR4 - Control
- Control Type: VENTURI SCRUBBER
- Emission Source/Control: 000R4 - Process



Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process
Emission Source/Control: C005P - Process
Emission Source/Control: C037P - Process
Emission Source/Control: C0R4P - Process

Item 88.21:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001
Process: DA1 Source Classification Code: 3-99-999-99
Process Description:
DAIP family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process
Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process
Emission Source/Control: C005P - Process
Emission Source/Control: C037P - Process
Emission Source/Control: C0R4P - Process

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Emission Source/Control: CBT5P - Process

Item 88.22:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: FAB

Source Classification Code: 3-99-999-99

Process Description:

Coated Fabrics family of materials (FOM) consisting of
Group 2 process vents subject to the MON.

Emission Source/Control: CBT5C - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control

Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.23:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: MCM

Source Classification Code: 3-99-999-99

Process Description:

Preparation of coatings subject to the Miscellaneous
Coating Manufacturing (MCM) regulation (40 CFR Part 63,
Subpart HHHHH).

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Emission Source/Control: C002C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C005C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C037C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: C0R4C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT1C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT2C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT3C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT4C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT6C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT7C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CBT8C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT1C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT2C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: CLT3C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCBT8 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control



Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 00R4 - Process

Emission Source/Control: 00BT1 - Process

Emission Source/Control: 00BT2 - Process

Emission Source/Control: 00BT3 - Process

Emission Source/Control: 00BT4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 00BT6 - Process

Emission Source/Control: 00BT7 - Process

Emission Source/Control: 00BT8 - Process

Emission Source/Control: 00RED - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: 0BT11 - Process

Emission Source/Control: 0BT12 - Process

Emission Source/Control: 0LTR1 - Process

Emission Source/Control: 0LTR2 - Process

Emission Source/Control: 0LTR3 - Process

Emission Source/Control: WHITE - Process

Item 88.24:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: MIC

Source Classification Code: 3-99-999-99

Process Description:

Flake/mica family of materials (FOM) consisting of Group
2 process vents subject to the MON.



Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.25:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: PEI

Source Classification Code: 3-99-999-99

Process Description:

PEI family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR01 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control



Control Type: VENTURI SCRUBBER
Emission Source/Control: 000R4 - Process
Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process
Emission Source/Control: C005P - Process
Emission Source/Control: C037P - Process
Emission Source/Control: C0R4P - Process

Item 88.26:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001
Process: SIL Source Classification Code: 3-99-999-99
Process Description:
Silicone family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process
Emission Source/Control: 00BT5 - Process
Emission Source/Control: 02000 - Process
Emission Source/Control: 03700 - Process
Emission Source/Control: 05000 - Process
Emission Source/Control: C002P - Process



Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.27:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: SOL

Source Classification Code: 3-99-999-99

Process Description:

Solvent Bake family of materials (FOM) consisting of
Group 2 process vents subject to the MON.

Emission Source/Control: CBT5C - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control

Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.28:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: STY

Source Classification Code: 3-99-999-99

Process Description:



Styrene family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.29:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001
Process: TBS Source Classification Code: 3-99-999-99
Process Description:
TBS family of materials (FOM) consisting of Group 2
process vents subject to the MON.

Emission Source/Control: CBT5C - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: SCR02 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control
Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control

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Control Type: VENTURI SCRUBBER

Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Item 88.30:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: TRN

Source Classification Code: 3-99-999-99

Process Description:

Group 2 transfer rack used to load MON- and/or
MCM-regulated products to tanks trucks.

Emission Source/Control: CBT5C - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 00TWL - Process

Item 88.31:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-33001

Process: WAT

Source Classification Code: 3-99-999-99

Process Description:

Water Borne family of materials (FOM) consisting of Group
2 process vents subject to the MON.

Emission Source/Control: SCR02 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: SCR37 - Control

Control Type: WET SCRUBBER

Emission Source/Control: SCRR4 - Control

Control Type: VENTURI SCRUBBER

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Emission Source/Control: 000R4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: C002P - Process

Emission Source/Control: C005P - Process

Emission Source/Control: C037P - Process

Emission Source/Control: C0R4P - Process

Emission Source/Control: CBT5P - Process

Item 88.32:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-42001

Process: DRM

Source Classification Code: 3-99-999-99

Process Description:

Volatiles lost during the compacting of drums of scrap material prior to shipment offsite.

Emission Source/Control: 00DRM - Process

Item 88.33:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-TANKS

Process: TK1

Source Classification Code: 4-07-999-97

Process Description:

Storage tanks containing HAP and subject to the MCM or MON regulation, to be determined based on predominant use.

Emission Source/Control: CV010 - Control

Control Type: CONSERVATION VENT

Emission Source/Control: CV011 - Control

Control Type: CONSERVATION VENT

Emission Source/Control: CV09A - Control

Control Type: CONSERVATION VENT

Emission Source/Control: CV09B - Control

Control Type: CONSERVATION VENT

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Emission Source/Control: TNK09 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: TNK10 - Process
Design Capacity: 9,800 gallons

Emission Source/Control: TNK11 - Process
Design Capacity: 9,800 gallons

Item 88.34:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-TANKS
Process: TK2 Source Classification Code: 4-07-999-97
Process Description: Storage tanks containing VOC (but no HAP)

Emission Source/Control: CV012 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV013 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: TNK12 - Process
Design Capacity: 9,800 gallons

Emission Source/Control: TNK13 - Process
Design Capacity: 9,800 gallons

Item 88.35:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-TANKS
Process: TK3 Source Classification Code: 4-07-999-97
Process Description:
Storage tanks containing HAP and subject to the MCM or
MON regulation, to be determined based on predominant
use.

Emission Source/Control: CV014 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV017 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV019 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV020 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: TNK14 - Process

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Design Capacity: 9,550 gallons

Emission Source/Control: TNK17 - Process
Design Capacity: 8,000 gallons

Emission Source/Control: TNK19 - Process
Design Capacity: 8,000 gallons

Emission Source/Control: TNK20 - Process
Design Capacity: 8,000 gallons

Item 88.36:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-TANKS
Process: TK4 Source Classification Code: 4-07-999-97
Process Description: Vertical storage tanks containing VOC (no HAP)

Emission Source/Control: CV015 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV016 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV018 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: CV021 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: TNK15 - Process
Design Capacity: 9,550 gallons

Emission Source/Control: TNK16 - Process
Design Capacity: 8,000 gallons

Emission Source/Control: TNK18 - Process
Design Capacity: 8,000 gallons

Emission Source/Control: TNK21 - Process
Design Capacity: 8,000 gallons

Condition 89: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

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

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 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: UPON REQUEST BY REGULATORY AGENCY

Condition 90: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.3 (a)

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Item 90.2:

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 will be determined by conducting a Method 9 opacity evaluation at a minimum frequency of once per half year, while the source is in normal operating mode.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: Bi Annually

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 91: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.4 (d) (2)

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 91.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Fabric coating lines, including but limited to: rubber that is used for rainwear, tents, and industrial gaskets, may not use coatings with VOC contents, as applied, which exceed 2.9 pounds of VOC per gallon of coating (minus water and excluded compounds).

The facility must maintain and, upon request, provide the department with a certification from the coating supplier/manufacturer which lists the parameters used to determine the actual VOC content of each as applied coating used at the facility (228-1.3(b)(1)).

The facility must, upon request by the department, use Method 311 or Method 24, included in Appendix A of both 40 CFR parts 63 and 60, respectively (see table 1, section 200.9 of this Title), to measure the volatile content, water content, density, volume of solids, and weight of solids in order to determine the actual VOC content of an as applied coating during a compliance demonstration (228-1.6(a))

Parameter Monitored: VOC CONTENT

Lower Permit Limit: 0 pounds per gallon

Upper Permit Limit: 2.9 pounds per gallon

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 92: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3320(b)(2), Subpart JJJJ

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Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must limit the organic HAP emissions to no more than 4% of the mass of coating materials applied for each month on and after the compliance date as set forth in §63.3330. Compliance shall be demonstrated using the provisions listed in §63.3370.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 93: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3320(b)(3), Subpart JJJJ

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to the 4% mass-based HAP limit listed elsewhere in this permit. The facility must limit the organic HAP emissions to no more than 20% of the mass of coating solids applied for each month on and after the

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compliance date as set forth in §63.3330. Compliance shall be demonstrated using the provisions listed in §63.3370.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 94: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility determines compliance with the emission limits in §63.3320 by means other than determining control efficiency of a control device, the facility must determine the organic HAP mass fraction of each coating material "as-purchased" by one of the following procedures:

- 1) The facility may test the coating material in accordance with Method 311 of appendix A of 40CFR63. This determination may be done by the manufacturer of the coating material and the results provided to the owner/operator. The organic HAP content must be calculated according to the procedures and criteria in §63.3360(c)(1)(i)-(iii).
- 2) For coatings, the facility may determine the volatile organic content as mass fraction of nonaqueous volatile matter and use it as a substitute for organic HAP using Method 24 of 40CFR60, appendix A. This determination may be performed by the manufacturer of the coating and the results provided to the affected source.
- 3) The facility may use formulation data to determine the organic HAP mass fraction of a coating material.



Formulation data may be provided to the owner/operator by the manufacturer of the material.

The facility must also determine the organic HAP mass fraction of each coating material "as-applied" by assuming the as-applied organic HAP mass fraction is equal to the as-purchased organic HAP mass fraction if the as-purchased coating is applied to the web without adding solvents or other materials. Otherwise, the as-applied organic HAP mass fraction must be calculated using Equation 1A of §63.3370.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 95: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3370(b), Subpart JJJJ

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility complies by using coating materials that individually meet the emission standards in §63.3320(b)(2) or (3), the facility must demonstrate that each coating material applied during the month at an existing affected source contains no more than 0.04 mass fraction of organic HAP or 0.2 kg organic HAP per kg coating solids, and that each coating material applied during the month, on an as-purchased basis as determined in accordance with §63.3360(c). The facility is in compliance with the emission standards if each coating material satisfies the above criteria and is applied as-purchased.

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Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 96: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3370(c), Subpart JJJJ

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is complying with the emission standards in §63.3320(b)(2) or (3) by using the "as-applied" coating materials option, the facility must demonstrate compliance by following one of the procedures in §63.3370(c)(1)-(4).

Compliance is determined when:

1) The organic HAP content of each coating material as-applied at an existing affected source is no more than 0.04 kg organic HAP per kg coating material or 0.2 kg kg organic HAP per kg coating solids,

2) The monthly average organic HAP content of all as-applied coating materials at an existing affected source are no more than 0.04 kg organic HAP per kg coating material or 0.2 kg organic HAP per kg coating solids

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3320(b)(2), Subpart JJJJ

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1
Process: CC4

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

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must limit the organic HAP emissions to no more than 4% of the mass of coating materials applied for each month on and after the compliance date as set forth in §63.3330. Compliance shall be demonstrated using the provisions listed in §63.3370.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 98: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3320(b)(3), Subpart JJJJ

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1
Process: CC4

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

Item 98.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to the 4% mass-based HAP limit listed elsewhere in this permit. The facility must limit the organic HAP emissions to no more than 20% of the mass of coating solids applied for each month on and after the compliance date as set forth in §63.3330. Compliance shall be demonstrated using the provisions listed in §63.3370.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 99: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility determines compliance with the emission limits in §63.3320 by means other than determining control efficiency of a control device, the facility must determine the organic HAP mass fraction of each coating material "as-purchased" by one of the following procedures:

- 1) The facility may test the coating material in accordance with Method 311 of appendix A of 40CFR63. This determination may be done by the manufacturer of the coating material and the results provided to the owner/operator. The organic HAP content must be calculated according to the procedures and criteria in §63.3360(c)(1)(i)-(iii).
- 2) For coatings, the facility may determine the volatile



organic content as mass fraction of nonaqueous volatile matter and use it as a substitute for organic HAP using Method 24 of 40CFR60, appendix A. This determination may be performed by the manufacturer of the coating and the results provided to the affected source.

3) The facility may use formulation data to determine the organic HAP mass fraction of a coating material. Formulation data may be provided to the owner/operator by the manufacturer of the material.

The facility must also determine the organic HAP mass fraction of each coating material "as-applied" by assuming the as-applied organic HAP mass fraction is equal to the as-purchased organic HAP mass fraction if the as-purchased coating is applied to the web without adding solvents or other materials. Otherwise, the as-applied organic HAP mass fraction must be calculated using Equation 1A of §63.3370.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 100: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.3370(b), Subpart JJJJ

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility complies by using coating materials that individually meet the emission standards in §63.3320(b)(2) or (3), the facility must demonstrate that each coating material applied during the month at an existing affected source contains no more than 0.04 mass fraction of organic

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HAP or 0.2 kg organic HAP per kg coating solids, and that each coating material applied during the month at a new affected source contains no more than 0.016 mass fraction organic HAP or 0.08 kg organic HAP per kg coating solids on an as-purchased basis as determined in accordance with §63.3360(c). The facility is in compliance with the emission standards if each coating material satisfies the above criteria and is applied as-purchased.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 101: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3370(b), Subpart JJJJ

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility complies by using coating materials that individually meet the emission standards in §63.3320(b)(2) or (3), the facility must demonstrate that each coating material applied during the month at an existing affected source contains no more than 0.04 mass fraction of organic HAP or 0.2 kg organic HAP per kg coating solids, and that each coating material applied during the month, on an as-purchased basis as determined in accordance with §63.3360(c). The facility is in compliance with the emission standards if each coating material satisfies the above criteria and is applied as-purchased.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: AVERAGING METHOD - SEE MONITORING

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 102: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.3370(c), Subpart JJJJ

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§63.3320(b)(2) or (3) by using the "as-applied" coating materials option, the facility must demonstrate compliance by following one of the procedures in §63.3370(c)(1)-(4).

Compliance is determined when:

- 1) The organic HAP content of each coating material as-applied at an existing affected source is no more than 0.04 kg organic HAP per kg coating material or 0.2 kg kg organic HAP per kg coating solids,
- 2) The monthly average organic HAP content of all as-applied coating materials at an existing affected source are no more than 0.04 kg organic HAP per kg coating material or 0.2 kg organic HAP per kg coating solids,

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 103: Applicability and designation of affected facility.



Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 60.740(b), NSPS Subpart VVV

Item 103.1:

This Condition applies to Emission Unit: 1-14CC1

Process: CC4

Emission Source: KISS2

Item 103.2: Any affected facility for which the amount of VOC used is less than 95 Mg per 12-month period is subject only to the requirements of paragraphs 60.744(b), 60.747(b), and 60.747(c). If the amount of VOC used is 95 Mg or greater per 12-month period, the facility is subject to all the requirements of this subpart. Once a facility has become subject to the requirements of this subpart, it will remain subject to those requirements regardless of changes in annual VOC use.

Condition 104: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 60.744(b), NSPS Subpart VVV

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC4

Emission Source: KISS2

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility that uses less than 95 Mg of VOC per year and each owner or operator of an affected facility subject to the provisions specified in §60.742(c)(3) shall:

(1) Make semiannual estimates of the projected annual amount of VOC to be used for the manufacture of polymeric coated substrate at the affected coating operation in that year; and

(2) Maintain records of actual VOC use.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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the provisions of §60.742(c)(3) and initially using less than 130 Mg of VOC per year and each owner or operator of an affected facility initially using less than 95 Mg of VOC per year shall:

- (1) Record semiannual estimates of projected VOC use and actual 12-month VOC use;
- (2) Report the first semiannual estimate in which projected annual VOC use exceeds the applicable cutoff; and
- (3) Report the first 12-month period in which the actual VOC use exceeds the applicable cutoff.

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 1/30/2016.

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

Condition 107: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1

Process: CC5

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Demonstrate that the organic HAP content, as purchased, of each coating and printing material applied in the web coating/printing operation(s) is less than or equal to the applicable emission limit in Table 1 to this subpart, and that each thinning and cleaning material as purchased contains no organic HAP (as defined in §63.4371). You must meet all the requirements of §§63.4320, 63.4321, and 63.4322 to demonstrate compliance with the applicable emission limit using this option.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 108: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.4 (d) (2)

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14CC1
Process: CC5 Emission Source: 01531

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

Item 108.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility applying coatings to fabric may not use coatings with VOC contents, as applied, that exceed the limits specified in Table D-1. The units in Table D-1 are in terms of weight of VOC per gallon of coating (minus water and exempt VOC). The limits in Table D-1 can be met by averaging the VOC content of the materials used on a single surface coating line (i.e., daily with in-line averaging).

Parameter Monitored: VOC CONTENT
Upper Permit Limit: 2.9 pounds of VOC per pound of coating
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 109: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 109.2:

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Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

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 1/30/2016.

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

Condition 110: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 228-1.3 (a)

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 will be determined by conducting a Method 9 opacity evaluation at a minimum frequency of once per year, while the source is in normal operating mode.

In addition to the above opacity evaluation, the permittee will conduct monthly observations of visible emissions from the emission unit, process, etc. to which this condition applies. The observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow) while the process is in operation.

The results of each observation must be recorded in a



bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry. If the operator observes any visible emissions (other than steam - see below) the permittee will immediately investigate any such occurrence and take corrective action, as necessary, to reduce or eliminate the emissions. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify the department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 111: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 111.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-14NC1
Process: CC2

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Demonstrate that the organic HAP content, as purchased, of each coating and printing material applied in the web coating/printing operation(s) is less than or equal to the applicable emission limit in Table 1 to this subpart, and that each thinning and cleaning material as purchased contains no organic HAP (as defined in §63.4371). You must meet all the requirements of §§63.4320, 63.4321, and 63.4322 to demonstrate compliance with the applicable emission limit using this option.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 112: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1

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

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

To demonstrate compliance with 40 CFR 63, Subpart OOOO and 6 NYCRR 228 the facility must achieve required efficiency's indicated in 40 CFR 63, Subpart OOOO.

Once every 5 years the facility shall perform a stack test on each oxidizer. Stack test shall be performed following procedures detailed in 6 NYCRR 202. Stack test shall demonstrate compliance and follow methods indicated in 40 CFR 63.4360, Subpart OOOO.

Temperature limits that the facility must operate at will



be based on most recently approved stack test results.

Upper Permit Limit: 97 percent reduction
Reference Test Method: As Required in 40 CFR 63, Subpart OOOO
Monitoring Frequency: Once every five years
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 113: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Use of coatings that exceed the VOC content limits at application specified in the tables of section 228-1.4 of this Subpart is prohibited, unless a coating system meeting the requirements of subdivision (d) of this section is utilized, control equipment meeting the requirements of subdivisions (b) and (c) of this section is installed and operated, or a process specific RACT variance is granted under subdivision (e) of this Section.

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

Condition 114: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.5 (b)

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1

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

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 114.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Stack testing of July 2012 showed compliance with the requirements of 6 NYCRR 228-1.5(b). To ensure continued compliance with the requirements, the combustion chamber temperature of the oxidizer shall be maintained above 900 C / 1652 F and will be monitored on a continuous basis using an electronic recorder. Recorder data must be maintained at the facility for a period of five years. In addition, semiannual reports shall be submitted to the Department reporting all periods that the temperature of the oxidizer system is below the stated value.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 900 degrees Centigrade (or Celsius)

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 1/30/2016.

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

Condition 115: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 115.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must limit organic HAP emissions to the level no more than 3 percent of the organic HAP applied for each month (97 percent organic HAP overall control) at existing affected sources. This condition shall be satisfied by operating within the temperature limit from the most recently approved stack test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 116: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4292(b), Subpart OOOO

Item 116.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 116.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If the facility uses a thermal oxidizer in order to comply with the emission rate with add-on controls option, the organic HAP overall removal efficiency option, or the outlet organic HAP concentration option, then the facility must not allow the average temperature in any 3-hour block period to fall below the temperature limit established during the performance test according to §63.4363(a).

Compliance will be continuously determined by:

- i) Collecting the temperature data according to the provisions in §63.4364(c)
- ii) Reducing the data to 3-hour block averages; and
- iii) Maintaining the 3-hour block average temperature at or above the temperature limit.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 900 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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



Condition 117: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.4293(b), Subpart OOOO

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must develop and implement a work practice plan to minimize organic HAP emissions from the storage, mixing, and conveying of regulated materials used in, and waste materials generated by, the coating/printing or dyeing/finishing operations for which the facility uses this option; or the facility must meet an alternative standard as provided in §63.4293(c).

The work practice plan must specify practices and procedures to ensure that, at a minimum, the following elements are implemented:

- 1) All organic-HAP containing regulated materials and waste materials must be stored in closed containers.
- 2) Spills of organic-HAP-containing regulated materials, and waste materials must be minimized.
- 3) Organic-HAP-containing regulated materials and waste materials must be conveyed from one location to another in closed containers or pipes.
- 4) Mixing vessels which contain organic-HAP-containing regulated materials must be closed except when adding to, removing, or mixing the contents.
- 5) Emissions of organic HAP must be minimized during cleaning of web coating/printing or dyeing/finishing storage, mixing, and conveying equipment.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



The initial report is due 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 118: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.4300(a), Subpart OOOO

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any web coating/printing or dyeing/finishing operation(s) for which you use the emission rate with add-on controls option, as specified in §63.4291(a)(3) or (c)(3), and any web coating/printing operation(s) for which you use either the organic HAP overall control efficiency option, as specified in §63.4291(a)(4), or the oxidizer outlet organic HAP concentration option, as specified in §63.4291(a)(5), must be in compliance with the emission limitations as specified in paragraphs (a)(3)(i) through (iii) of this section.

(i) The web coating/printing or dyeing/finishing operation(s) must be in compliance with the applicable emission limit in Table 1 to this subpart or minimize emissions at all times as required by §63.6(e)(1).

(ii) Each controlled web coating/printing or dyeing/finishing operation must be in compliance with the operating limits for emission capture systems and add-on control devices required by §63.4292 for all averaging time periods except for solvent recovery systems for which you conduct liquid-liquid material balances according to §§63.4341(e)(5) or (f)(5) or 63.4351(d)(5).

(iii) Each controlled web coating/printing or dyeing/finishing operation must be in compliance with the work practice standards in §63.4293 at all times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



procedures in 40 CFR 63.4351(d)(1)-(7).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 121: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4352, Subpart OOOO

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) You must meet all the requirements of this section to demonstrate continuous compliance with the organic HAP overall control efficiency. The organic HAP overall control efficiency for each compliance period, determined according to the procedures in §63.4351(d), must be equal to or greater than the applicable organic HAP overall control efficiency limit in Table 1 to this subpart. Each month following the initial compliance period described in §63.4350 is a compliance period. You must perform the calculations in §63.4351(d) on a monthly basis. You must meet the applicable requirements of paragraphs (c) through (j) of this section to demonstrate continuous compliance with the oxidizer outlet organic HAP concentration limit.

(b) If the organic HAP overall control efficiency for any compliance period failed to meet the applicable organic HAP overall control efficiency in Table 1 to this subpart, this is a deviation from the emission limitation for that compliance period and must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7).

(c) You must demonstrate continuous compliance with each operating limit required by §63.4292 that applies to you, as specified in Table 2 to this subpart.

(1) If an operating parameter is out of the allowed range specified in Table 2 to this subpart, this is a deviation from the operating limit that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7).



(2) If an operating parameter deviates from the operating limit specified in Table 2 to this subpart, then you must assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation. For the purposes of completing the compliance calculations specified in §63.4351(d)(4), you must treat the coating, printing, thinning, and cleaning materials applied during a deviation on a controlled web coating/printing operation as if they were applied on an uncontrolled web coating/printing operation for the time period of the deviation as indicated in Equation 1 of §63.4341.

(d) You must meet the requirements for bypass lines in §63.4364(b) for controlled web coating/printing operations for which you do not conduct liquid-liquid material balances. If any bypass line is opened and emissions are diverted to the atmosphere when the web coating/printing operation is running, this is a deviation that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7). For the purposes of completing the compliance calculations specified in §63.4351(d)(4), you must treat the coating, printing, thinning, and cleaning materials applied during a deviation on a controlled web coating/printing operation as if they were applied on an uncontrolled web coating/printing operation for the time period of the deviation as indicated in Equation 1 of §63.4341.

(e) You must demonstrate continuous compliance with the work practice standards in §63.4293. If you did not develop a work practice plan, or you did not implement the plan, or you did not keep the records required by §63.4312(j)(8), this is a deviation from the work practice standards that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7).

(f) As part of each semiannual compliance report required in §63.4311, you must identify the web coating/printing operation(s) for which you use the organic HAP overall control efficiency option or the oxidizer outlet organic HAP concentration option. If there were no deviations from the organic HAP overall control efficiency limitations, submit a statement that you were in compliance with the emission limitations during the reporting period because the organic HAP overall control efficiency for each compliance period was greater than or equal to the applicable organic HAP overall control efficiency in Table 1 to this subpart, and you achieved the operating limits required by §63.4292 and the work practice standards required by §63.4293 during each compliance period. If



there were no deviations from the oxidizer outlet organic HAP concentration limit, submit a statement that you were in compliance with the oxidizer outlet organic HAP concentration limit, the efficiency of the capture system is 100 percent, and you achieved the operating limits required by §63.4292 and the work practice standards required by §63.4293 during each compliance period.

(h) Consistent with §§63.6(e) and 63.7(e)(1), deviations that occur during a period of startup, shutdown, or malfunction of the emission capture system, add-on control device, or web coating/printing operation that may affect emission capture or control device efficiency are not violations if you demonstrate to the Administrator's satisfaction that you were operating in accordance with §63.6(e)(1). The Administrator will determine whether deviations that occur during a period of startup, shutdown, or malfunction are violations according to the provisions in §63.6(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 122: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(a), Subpart OOOO

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are using a control device to comply with the emission standards in §63.4290, you must install, operate, and maintain each CPMS specified in paragraphs (c) and (d) and (e) of this section according to the requirements in paragraphs (a)(1) through (8) of this section. You must install, operate, and maintain each CPMS specified in paragraph (b) of this section according to paragraphs (a)(5) through (7) of this section.

(1) Each CPMS must complete a minimum of one cycle of operation for each successive 15-minute period. You must



have a minimum of four equally spaced successive cycles of CPMS operation to have a valid hour of data.

(2) You must have valid data from at least 90 percent of the hours during which the process operated.

(3) You must determine the hourly average of all recorded readings according to paragraphs (a)(3)(i) and (ii) of this section.

(i) To calculate a valid hourly value, you must have at least three of four equally spaced data values from that hour from a continuous monitoring system (CMS) that is not out-of-control.

(ii) Provided all of the readings recorded in accordance with paragraph (a)(3) of this section clearly demonstrate continuous compliance with the standard that applies to you, then you are not required to determine the hourly average of all recorded readings.

(4) You must determine the rolling 3-hour average of all recorded readings for each operating period. To calculate the average for each 3-hour averaging period, you must have at least two of three of the hourly averages for that period using only average values that are based on valid data (i.e., not from out-of-control periods).

(5) You must record the results of each inspection, calibration, and validation check of the CPMS.

(6) At all times, you must maintain the monitoring system in proper working order including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(7) Except for monitoring malfunctions, associated repairs, or required quality assurance or control activities (including calibration checks or required zero and span adjustments), you must conduct all monitoring at all times that the unit is operating. Data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities shall not be used for purposes of calculating the emissions concentrations and percent reductions specified in Table 1 to this subpart. You must use all the valid data collected during all other periods in assessing compliance of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring failures that are caused in part by poor maintenance or



careless operation are not malfunctions.

(8) Any averaging period for which you do not have valid monitoring data and such data are required constitutes a deviation, and you must notify the Administrator in accordance with §63.4311(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 123: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(b), Subpart OOOO

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) You must monitor or secure the valve or closure mechanism controlling the bypass line in a nondiverting position in such a way that the valve or closure mechanism cannot be opened without creating a record that the valve was opened.

Car-seal or lock-and-key valve closures. Secure any bypass line valve in the closed position with a car-seal or a lock-and-key type configuration. You must visually inspect the seal or closure mechanism at least once every month to ensure that the valve is maintained in the closed position, and the emissions are not diverted away from the add-on control device to the atmosphere.

(2) If any bypass line is opened, you must include a description of why the bypass line was opened and the length of time it remained open in the semiannual compliance reports required in §63.4311.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 124: Compliance Certification



Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(c), Subpart OOOO

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(i) Install, calibrate, maintain, and operate temperature monitoring equipment according to the manufacturer's specifications. The calibration of the chart recorder, data logger, or temperature indicator must be verified every 3 months or the chart recorder, data logger, or temperature indicator must be replaced.

(ii) For an oxidizer other than a catalytic oxidizer, install, calibrate, operate, and maintain a temperature monitoring device equipped with a continuous recorder. The device must have an accuracy of ± 1 percent of the temperature being monitored in degrees Celsius, or ± 1 °Celsius, whichever is greater. The thermocouple or temperature sensor must be installed in the combustion chamber at a location in the combustion zone.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 125: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(e), Subpart OOOO

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Capture system monitoring. If you are complying with the



emission standards in §63.4290 through the use of a capture system and control device, you must develop a site-specific monitoring plan containing the information specified in paragraphs (e)(1) and (2) of this section for these capture systems. You must monitor the capture system in accordance with paragraph (e)(3) of this section. You must make the monitoring plan available for inspection by the permitting authority upon request.

(1) The monitoring plan must:

(i) Identify the operating parameter to be monitored to ensure that the capture efficiency determined during the initial compliance test is maintained; and

(ii) Explain why this parameter is appropriate for demonstrating ongoing compliance; and

(iii) Identify the specific monitoring procedures.

(2) The monitoring plan must specify the operating parameter value or range of values that demonstrate compliance with the emission standards in §63.4290. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

(3) You must conduct all capture system monitoring in accordance with the plan.

(4) Any deviation from the operating parameter value or range of values which are monitored according to the plan will be considered a deviation from the operating limit.

(5) You must review and update the capture system monitoring plan at least annually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 126: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.3 (a)

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

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 will be determined by conducting a Method 9 opacity evaluation at a minimum frequency of once per year, while the source is in normal operating mode.

In addition to the above opacity evaluation, the permittee will conduct monthly observations of visible emissions from the emission unit, process, etc. to which this condition applies. The observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow) while the process is in operation.

The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry. If the operator observes any visible emissions (other than steam - see below) the permittee will immediately investigate any such occurrence and take corrective action, as necessary, to reduce or eliminate the emissions. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify the department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary



of these instances.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 127: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: CC3

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Demonstrate that the organic HAP content, as purchased, of each coating and printing material applied in the web coating/printing operation(s) is less than or equal to the applicable emission limit in Table 1 to this subpart, and that each thinning and cleaning material as purchased contains no organic HAP (as defined in §63.4371). You must meet all the requirements of §§63.4320, 63.4321, and 63.4322 to demonstrate compliance with the applicable emission limit using this option.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 128: Compliance Certification



Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2

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

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

To demonstrate compliance with 40 CFR 63 OOOO, and 6 NYCRR 228 the facility must achieve required efficiency's indicated in 40 CFR 63 OOOO.

Once per term of permit the facility shall perform a stack test on each oxidizer. Stack test shall be performed following procedures detailed in 6 NYCRR 202. Stack test shall demonstrate compliance and follow methods indicated in 40 CFR 63.4360, OOOO.

Temperature limits that the facility must operate at will be based on most recently approved stack test results.

Upper Permit Limit: 97 percent reduction

Reference Test Method: as required in 40 CFR Subpart OOOO

Monitoring Frequency: Once every five years

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 129: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2

Item 129.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Use of coatings that exceed the VOC content limits at application specified in the tables of section 228-1.4 of this Subpart is prohibited, unless a coating system meeting the requirements of subdivision (d) of this section is utilized, control equipment meeting the requirements of subdivisions (b) and (c) of this section is installed and operated, or a process specific RACT variance is granted under subdivision (e) of this Section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 130: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.5 (b)

Item 130.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 130.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Max simultaneous operation of the coating lines shall be controlled by system to allow the operation of only two of the three processes connected to oxidizer (OX2). Schematic of the system will be maintained at the facility for 5 years.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 131: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 228-1.5 (b)

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 131.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Stack testing of July 2012 showed compliance with the requirements of 6 NYCRR 228-1.5(b). To ensure continued compliance with the requirements, the combustion chamber temperature of the oxidizer shall be maintained above 877 C / 1610 F and will be monitored on a continuous basis using an electronic recorder. Recorder data must be maintained at the facility for a period of five years. In addition, semiannual reports shall be submitted to the Department reporting all periods that the temperature of the oxidizer system is below the stated value.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 877 degrees Centigrade (or Celsius)

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 1/30/2016.

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

Condition 132: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must include all regulated materials (as defined in §63.4371) used in the affected source when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in §63.4290. To make this determination, the facility must use one of



the options listed in §63.4291(a)(1)-(5) for web coating and printing operations.

One option is for the facility to demonstrate that, based on the organic HAP emission capture and add-on control efficiencies achieved, the organic HAP overall control efficiency is greater than or equal to the applicable organic HAP overall control efficiency limit in table 1 of subpart OOOO. If the facility uses this option, the facility must also demonstrate that all capture systems and control devices for the web coating/printing operating(s) meet the operating limits required in §63.4292, except for solvent recovery systems for which the facility conducts liquid-liquid material balances according to §63.4351(d)(5), and that the facility meets the work practice standards required in §63.4293. The facility must meet all the requirements of §63.4350-4352 and 63.4360-4364 to demonstrate compliance with the applicable emission limits, operating, limits, and work practice standards using this option.

Averaging Method: 12-month rolling average
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4291(a), Subpart OOOO

Item 133.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2

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

Item 133.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Facility must limit organic HAP emissions to the level no more than 3 percent of the organic HAP applied for each month (97 percent HAP overall control) at existing affected sources. This condition shall be satisfied by operating within the temperature limit from the most recently approved stack test.



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 1/30/2016.

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

Condition 134: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4300(a), Subpart OOOO

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any web coating/printing or dyeing/finishing operation(s) for which you use the emission rate with add-on controls option, as specified in §63.4291(a)(3) or (c)(3), and any web coating/printing operation(s) for which you use either the organic HAP overall control efficiency option, as specified in §63.4291(a)(4), or the oxidizer outlet organic HAP concentration option, as specified in §63.4291(a)(5), must be in compliance with the emission limitations as specified in paragraphs (a)(3)(i) through (iii) of this section.

(i) The web coating/printing or dyeing/finishing operation(s) must be in compliance with the applicable emission limit in Table 1 to this subpart or minimize emissions at all times as required by §63.6(e)(1).

(ii) Each controlled web coating/printing or dyeing/finishing operation must be in compliance with the operating limits for emission capture systems and add-on control devices required by §63.4292 for all averaging time periods except for solvent recovery systems for which you conduct liquid-liquid material balances according to §§63.4341(e)(5) or (f)(5) or 63.4351(d)(5).

(iii) Each controlled web coating/printing or dyeing/finishing operation must be in compliance with the work practice standards in §63.4293 at all times.

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 135: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4300(c), Subpart OOOO

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If your affected source uses an emission capture system and add-on control device, you must develop a written startup, shutdown, and malfunction plan according to the provisions in §63.6(e)(3). The plan must address the startup, shutdown, and corrective actions in the event of a malfunction of the emission capture system or the add-on control device. The plan must also address any web coating/printing or dyeing/finishing operation equipment such as conveyors that move the substrate among enclosures that may cause increased emissions or that would affect capture efficiency if the process equipment malfunctions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 136: Performance test reports
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4311(b), Subpart OOOO

Item 136.1:

This Condition applies to Emission Unit: 1-14NC2

Process: NC2

Item 136.2:

The facility must submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



§63.10(d)(2).

Condition 137: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4311(c), Subpart OOOO

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2

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

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility uses one of the add-on control options in §63.4291(a) or (c) and the facility has a startup, shutdown, or malfunction during the reporting period, the facility must submit the reports below:

1) If the actions were consistent with the startup, shutdown, and malfunction plan, the facility must include the information specified in §63.10(d) in the semiannual compliance report.

2) If the actions were not consistent with the startup, shutdown, and malfunction plan, the facility must submit an immediate startup, shutdown, and malfunction report which:

- describes the actions taken during the event in a report delivered by fax, telephone, or other means to the NYSDEC within 2 working days after starting actions that are inconsistent with the plan.

- The facility must also submit a letter to the NYSDEC within 7 working days after the end of the event, unless alternative arrangements with the NYSDEC have been made according to §63.10(d)(5)(ii). The letter must contain the information specified in §63.10(d)(5)(ii).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 138: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020



Applicable Federal Requirement:40CFR 63.4313, Subpart OOOO

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's records must be kept in a form suitable and readily available for expeditious review, according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

As specified in §63.10(b)(1), the facility must keep each record for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

The facility must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). The facility may keep records off site for the remaining 3 years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 139: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4351(d), Subpart OOOO

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with the organic HAP overall control



efficiency limit in Table 1 must be shown by following the procedures in 40 CFR 63.4351(d)(1)-(7)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 140: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4352, Subpart OOOO

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 140.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) You must meet all the requirements of this section to demonstrate continuous compliance with the organic HAP overall control efficiency. The organic HAP overall control efficiency for each compliance period, determined according to the procedures in §63.4351(d), must be equal to or greater than the applicable organic HAP overall control efficiency limit in Table 1 to this subpart. Each month following the initial compliance period described in §63.4350 is a compliance period. You must perform the calculations in §63.4351(d) on a monthly basis. You must meet the applicable requirements of paragraphs (c) through (j) of this section to demonstrate continuous compliance with the oxidizer outlet organic HAP concentration limit.

(b) If the organic HAP overall control efficiency for any compliance period failed to meet the applicable organic HAP overall control efficiency in Table 1 to this subpart, this is a deviation from the emission limitation for that compliance period and must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7).

(c) You must demonstrate continuous compliance with each operating limit required by §63.4292 that applies to you, as specified in Table 2 to this subpart.

(1) If an operating parameter is out of the allowed range specified in Table 2 to this subpart, this is a deviation from the operating limit that must be reported as



specified in §§63.4310(c)(6) and 63.4311(a)(7).

(2) If an operating parameter deviates from the operating limit specified in Table 2 to this subpart, then you must assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation. For the purposes of completing the compliance calculations specified in §63.4351(d)(4), you must treat the coating, printing, thinning, and cleaning materials applied during a deviation on a controlled web coating/printing operation as if they were applied on an uncontrolled web coating/printing operation for the time period of the deviation as indicated in Equation 1 of §63.4341.

(d) You must meet the requirements for bypass lines in §63.4364(b) for controlled web coating/printing operations for which you do not conduct liquid-liquid material balances. If any bypass line is opened and emissions are diverted to the atmosphere when the web coating/printing operation is running, this is a deviation that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7). For the purposes of completing the compliance calculations specified in §63.4351(d)(4), you must treat the coating, printing, thinning, and cleaning materials applied during a deviation on a controlled web coating/printing operation as if they were applied on an uncontrolled web coating/printing operation for the time period of the deviation as indicated in Equation 1 of §63.4341.

(e) You must demonstrate continuous compliance with the work practice standards in §63.4293. If you did not develop a work practice plan, or you did not implement the plan, or you did not keep the records required by §63.4312(j)(8), this is a deviation from the work practice standards that must be reported as specified in §§63.4310(c)(6) and 63.4311(a)(7).

(f) As part of each semiannual compliance report required in §63.4311, you must identify the web coating/printing operation(s) for which you use the organic HAP overall control efficiency option or the oxidizer outlet organic HAP concentration option. If there were no deviations from the organic HAP overall control efficiency limitations, submit a statement that you were in compliance with the emission limitations during the reporting period because the organic HAP overall control efficiency for each compliance period was greater than or equal to the applicable organic HAP overall control efficiency in Table 1 to this subpart, and you achieved the operating limits required by §63.4292 and the work practice standards



required by §63.4293 during each compliance period. If there were no deviations from the oxidizer outlet organic HAP concentration limit, submit a statement that you were in compliance with the oxidizer outlet organic HAP concentration limit, the efficiency of the capture system is 100 percent, and you achieved the operating limits required by §63.4292 and the work practice standards required by §63.4293 during each compliance period.

(h) Consistent with §§63.6(e) and 63.7(e)(1), deviations that occur during a period of startup, shutdown, or malfunction of the emission capture system, add-on control device, or web coating/printing operation that may affect emission capture or control device efficiency are not violations if you demonstrate to the Administrator's satisfaction that you were operating in accordance with §63.6(e)(1). The Administrator will determine whether deviations that occur during a period of startup, shutdown, or malfunction are violations according to the provisions in §63.6(e).

(j) You must maintain records as specified in §§63.4312 and 63.4313.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 141: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(a), Subpart OOOO

Item 141.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are using a control device to comply with the emission standards in §63.4290, you must install, operate, and maintain each CPMS specified in paragraphs (c) and (d) and (e) of this section according to the requirements in paragraphs (a)(1) through (8) of this section. You must install, operate, and maintain each CPMS specified in



paragraph (b) of this section according to paragraphs (a)(5) through (7) of this section.

(1) Each CPMS must complete a minimum of one cycle of operation for each successive 15-minute period. You must have a minimum of four equally spaced successive cycles of CPMS operation to have a valid hour of data.

(2) You must have valid data from at least 90 percent of the hours during which the process operated.

(3) You must determine the hourly average of all recorded readings according to paragraphs (a)(3)(i) and (ii) of this section.

(i) To calculate a valid hourly value, you must have at least three of four equally spaced data values from that hour from a continuous monitoring system (CMS) that is not out-of-control.

(ii) Provided all of the readings recorded in accordance with paragraph (a)(3) of this section clearly demonstrate continuous compliance with the standard that applies to you, then you are not required to determine the hourly average of all recorded readings.

(4) You must determine the rolling 3-hour average of all recorded readings for each operating period. To calculate the average for each 3-hour averaging period, you must have at least two of three of the hourly averages for that period using only average values that are based on valid data (i.e., not from out-of-control periods).

(5) You must record the results of each inspection, calibration, and validation check of the CPMS.

(6) At all times, you must maintain the monitoring system in proper working order including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(7) Except for monitoring malfunctions, associated repairs, or required quality assurance or control activities (including calibration checks or required zero and span adjustments), you must conduct all monitoring at all times that the unit is operating. Data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities shall not be used for purposes of calculating the emissions concentrations and percent reductions specified in Table 1 to this subpart. You must use all the valid data collected during all other periods



in assessing compliance of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(8) Any averaging period for which you do not have valid monitoring data and such data are required constitutes a deviation, and you must notify the Administrator in accordance with §63.4311(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 142: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(b), Subpart OOOO

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 142.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) You must monitor or secure the valve or closure mechanism controlling the bypass line in a nondiverting position in such a way that the valve or closure mechanism cannot be opened without creating a record that the valve was opened.

Car-seal or lock-and-key valve closures. Secure any bypass line valve in the closed position with a car-seal or a lock-and-key type configuration. You must visually inspect the seal or closure mechanism at least once every month to ensure that the valve is maintained in the closed position, and the emissions are not diverted away from the add-on control device to the atmosphere.

(2) If any bypass line is opened, you must include a description of why the bypass line was opened and the length of time it remained open in the semiannual compliance reports required in §63.4311.



Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 143: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.4364(e), Subpart OOOO

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Item 143.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are complying with the emission standards in §63.4290 through the use of a capture system and control device, you must develop a site-specific monitoring plan containing the information specified in paragraphs (e)(1) and (2) of this section for these capture systems. You must monitor the capture system in accordance with paragraph (e)(3) of this section. You must make the monitoring plan available for inspection by the permitting authority upon request.

(1) The monitoring plan must:

(i) Identify the operating parameter to be monitored to ensure that the capture efficiency determined during the initial compliance test is maintained; and

(ii) Explain why this parameter is appropriate for demonstrating ongoing compliance; and

(iii) Identify the specific monitoring procedures.

(2) The monitoring plan must specify the operating parameter value or range of values that demonstrate compliance with the emission standards in §63.4290. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

(3) You must conduct all capture system monitoring in accordance with the plan.

(4) Any deviation from the operating parameter value or range of values which are monitored according to the plan



will be considered a deviation from the operating limit.

(5) You must review and update the capture system monitoring plan at least annually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 144: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.4364(c), Subpart OOOO

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(i) Install, calibrate, maintain, and operate temperature monitoring equipment according to the manufacturer's specifications. The calibration of the chart recorder, data logger, or temperature indicator must be verified every 3 months or the chart recorder, data logger, or temperature indicator must be replaced.

(ii) For an oxidizer other than a catalytic oxidizer, install, calibrate, operate, and maintain a temperature monitoring device equipped with a continuous recorder. The device must have an accuracy of ± 1 percent of the temperature being monitored in degrees Celsius, or ± 1 °Celsius, whichever is greater. The thermocouple or temperature sensor must be installed in the combustion chamber at a location in the combustion zone.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 145: Applicability and designation of affected facility.
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 60.740(b), NSPS Subpart VVV

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 145.1:

This Condition applies to Emission Unit: 1-14NC2
Process: NC2 Emission Source: 01050

Item 145.2: Any affected facility for which the amount of VOC used is less than 95 Mg per 12-month period is subject only to the requirements of paragraphs 60.744(b), 60.747(b), and 60.747(c). If the amount of VOC used is 95 Mg or greater per 12-month period, the facility is subject to all the requirements of this subpart. Once a facility has become subject to the requirements of this subpart, it will remain subject to those requirements regardless of changes in annual VOC use.

Condition 146: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 60.744(b), NSPS Subpart VVV

Item 146.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2 Emission Source: 01050

Item 146.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an affected facility that uses less than 95 Mega grams of VOC per year and each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) shall:

- 1) Make semiannual estimates of the projected annual amount of VOC to be used for the manufacture of polymeric coated substrate at the affected coating operation in that year; and
- 2) Maintain records of actual VOC use.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 147: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 60.747(b), NSPS Subpart VVV

Item 147.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 147.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) and claiming to use less than 130 Mega grams of VOC in the first year of operation and each owner or operator claiming to use less than 95 Mega grams of VOC in the first year of operation shall submit to the Administrator, with the notification of anticipated startup required under 60.7(a)(2) of the General Provisions, a material flow chart indicating projected VOC use. The owner or operator shall also submit actual VOC use records at the end of the initial year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 148: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 60.747(c), NSPS Subpart VVV

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) and initially using less than 130 Mega grams of VOC per year and each owner or operator of an affected facility initially using less than 95 Mega grams of VOC per year shall:

- 1) Record semiannual estimates of projected VOC use and actual 12-month VOC use;
- 2) Report the first semiannual estimate in which the projected annual VOC use exceeds the applicable cutoff;



and

3) Report the first 12-month period in which the actual VOC use exceeds the applicable cutoff.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 149: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.105, Subpart F

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Item 149.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(b) The owner or operator shall prepare a description of maintenance procedures for management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair (i.e., a maintenance-turnaround) and during periods which are not shutdowns (i.e., routine maintenance). The descriptions shall:

(1) Specify the process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities.

(2) Specify the procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and

(3) Specify the procedures to be followed when clearing materials from process equipment.

(c) The owner or operator shall modify and update the information required by paragraph (b) of this section as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure.

(d) The owner or operator shall incorporate the



procedures described in paragraphs (b) and (c) of this section as part of the startup, shutdown, and malfunction plan required under §63.6(e)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 150: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.424, Subpart R

Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As per 40 CFR 63.8015(b)(1), "miscellaneous coating manufacturing affected source" the facility shall

(a) perform a monthly leak inspection of all equipment in organic HAP service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. Each piece of equipment shall be inspected during the loading of a organic HAP cargo tank.

(b) A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log shall contain a list, summary description, or diagram(s) showing the location of all equipment in organic HAP service at the facility.

(c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in paragraph (d) of this section.

(d) Delay of repair of leaking equipment will be allowed upon a demonstration to the Administrator that repair within 15 days is not feasible. The owner or operator shall provide the reason(s) a delay is needed and the date



by which each repair is expected to be completed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 151: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.428, Subpart R

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 151.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(e) Each owner or operator complying with the provisions of §63.424 (a) through (d) shall record the following information in the log book for each leak that is detected:

- (1) The equipment type and identification number;
- (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);
- (3) The date the leak was detected and the date of each attempt to repair the leak;
- (4) Repair methods applied in each attempt to repair the leak;
- (5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak;
- (6) The expected date of successful repair of the leak if the leak is not repaired within 15 days; and
- (7) The date of successful repair of the leak.

As per 40 CFR 63.8015(b)(2), equipment in "organic service" the facility shall comply with the following:



(f) Each owner or operator subject to the provisions of §63.424 shall report to the Administrator a description of the types, identification numbers, and locations of all equipment in organic HAP service. For facilities electing to implement an instrument program under §63.424(f), the report shall contain a full description of the program.

(1) In the case of an existing source or a new source that has an initial startup date before the effective date, the report shall be submitted with the notification of compliance status required under §63.9(h), unless an extension of compliance is granted under §63.6(i). If an extension of compliance is granted, the report shall be submitted on a date scheduled by the Administrator.

(2) In the case of new sources that did not have an initial startup date before the effective date, the report shall be submitted with the application for approval of construction, as described in §63.5(d).

As per 40 CFR 63.8015(b)(1) "miscellaneous coating manufacturing affected source" the facility shall:

(h) Each owner or operator of a miscellaneous coating manufacturing affected source subject to 40 CFR part 63, Subpart HHHHH" per 63.8015(b)(1). subject to the provisions of this subpart shall submit an excess emissions report to the Administrator in accordance with §63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under this subpart, and the following information shall be included in the excess emissions report, as applicable:

(4) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

- (i) The date on which the leak was detected;
- (ii) The date of each attempt to repair the leak;
- (iii) The reasons for the delay of repair; and
- (iv) The date of successful repair.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 152: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.982(c)(2), Subpart SS

Item 152.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 152.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For process vents and high throughput transfer racks, the owner or operator shall meet the requirements applicable to the control devices being used in §63.988, §63.990 or §63.995; the applicable general monitoring requirements of §63.996 and the applicable performance test requirements and procedures of §63.997; and the monitoring, recordkeeping and reporting requirements referenced therein. Owners or operators subject to halogen reduction device requirements under a referencing subpart must also comply with §63.994 and the monitoring, recordkeeping, and reporting requirements referenced therein. The requirements of §§63.984 through 63.986 do not apply to process vents or high throughput transfer racks.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 153: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.990(a), Subpart SS

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 153.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



(1) Owners or operators using absorbers, condensers, or carbon adsorbers to meet a weight-percent emission reduction or parts per million by volume outlet concentration requirement specified in a referencing subpart shall meet the requirements of this section.

(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: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 154: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.990(c)(1), Subpart SS

Item 154.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring results shall be recorded as specified in §63.998(b) and (c), as applicable. General requirements for monitoring and continuous parameter monitoring systems are contained in a referencing subpart and §63.996.

(1) Where an absorber is used, a scrubbing liquid temperature monitoring device and a specific gravity monitoring device, each capable of providing a continuous record, shall be used. If the difference between the specific gravity of the saturated scrubbing fluid and specific gravity of the fresh scrubbing fluid is less than 0.02 specific gravity units, an organic monitoring device capable of providing a continuous record shall be used.

Compliance with this regulation will be satisfied by meeting the control monitoring requirements of 40CFR63.8000(d) listed elsewhere in this permit.

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 155: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.990(c)(2), Subpart SS

Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 155.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Where an absorber, condenser, or carbon adsorber is used as a control device, either an organic monitoring device capable of providing a continuous record, or the monitoring devices specified in paragraphs (c)(1) through (3), as applicable, shall be used. Monitoring results shall be recorded as specified in §63.998(b) and (c), as applicable. General requirements for monitoring and continuous parameter monitoring systems are contained in a referencing subpart and §63.996.

Where a condenser is used, a condenser exit (product side) temperature monitoring device capable of providing a continuous record shall be used.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 27 degrees Centigrade (or Celsius)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 156: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.996(c), Subpart SS



Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation and maintenance of continuous parameter monitoring systems.

(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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 157: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.996(d), Subpart SS

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 157.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 158: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.998(a)(2), Subpart SS

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Nonflare control device performance test records.

(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.

(C) Other nonflare control devices. Where an owner or operator seeks to use an absorber, condenser, or carbon adsorber as a control device, the information specified in paragraphs (a)(2)(ii)(C)(1) through (5) of this section shall be recorded, as applicable.

(1) Where an absorber is used as the control device, the exit specific gravity and average exit temperature of the absorbing liquid averaged over the same time period as the performance test (both measured while the vent stream is normally routed and constituted); or

Compliance with the above absorber monitoring will be satisfied by meeting the control monitoring requirements of 40CFR63.8000(d) listed elsewhere in this permit.

(2) Where a condenser is used as the control device, the average exit (product side) temperature averaged over the same time period as the performance test while the vent stream is routed and constituted normally; or

(3) Where a carbon adsorber is used as the control device, the total regeneration stream mass flow during each carbon-bed regeneration cycle during the period of the performance test, and temperature of the carbon-bed after each regeneration during the period of the performance test (and within 15 minutes of completion of any cooling cycle or cycles; or

(4) As an alternative to paragraph (a)(2)(ii)(C)(1), (2), or (3) of this section, the concentration level or reading indicated by an organics monitoring device at the outlet of the absorber, condenser, or carbon adsorber averaged over the same time period as the performance test while the vent stream is normally routed and constituted.

(5) For an absorber, condenser, or carbon adsorber used as a control device, the percent reduction of regulated material achieved by the control device or concentration of regulated material (parts per million by volume, by



compound) at the outlet of the control device.

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 1/30/2016.

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

Condition 159: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.998(b), Subpart SS

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous records and monitoring system data
handling

(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) Startups, shutdowns, and malfunctions, if the owner or operator operates the source during such periods in accordance with §63.1111(a) 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 startup, shutdown, or malfunction shall not be considered an excursion if the owner or operator operates the source during such periods in accordance with §63.1111(a) 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 startup, 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 §63.1111(a)) 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 160: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.998(c)(1), Subpart SS

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 160.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Monitoring system records. For process vents and high throughput transfer racks, 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: UPON REQUEST BY REGULATORY AGENCY

Condition 161: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.998(c)(3), Subpart SS

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 161.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Monitoring records for recovery devices, absorbers, condensers, carbon adsorbers or other noncombustion systems used as control devices. (i) Each owner or operator using a recovery device to achieve and maintain a TRE index value greater than the control applicability level specified in the referencing subpart but less than 4.0 or using an absorber, condenser, carbon adsorber or other non-combustion system as a control device shall keep readily accessible, continuous records of the equipment operating parameters specified to be monitored under §§63.990(c) (absorber, condenser, and carbon adsorber monitoring), 63.993(c) (recovery device monitoring), or 63.995(c) (other noncombustion systems used as a control device monitoring) or as approved by the Administrator in accordance with a referencing subpart. For transfer racks, continuous records are required while the transfer vent stream is being vented.

(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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 162: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.998(d), Subpart SS

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Other records

(3) Regulated source and control equipment start-up, shutdown and malfunction records. (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.

(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: UPON REQUEST BY REGULATORY AGENCY

Condition 163: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.999(c), Subpart SS

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Periodic reports.

(1) Periodic reports shall include the reporting period dates, the total source operating time for the reporting



period, and, as applicable, all information specified in this section and in the referencing subpart, including reports of periods when monitored parameters are outside their established ranges.

(6) For process vents and transfer racks (except low throughput transfer racks), periodic reports shall include the information specified in paragraphs (c)(6)(i) through (iv) of this section.

(i) Periodic reports shall include the daily average values of monitored parameters, calculated as specified in §63.998(b)(3)(i) for any days when the daily average value is outside the bounds as defined in §63.998(c)(2)(iii) or (c)(3)(iii), or the data availability requirements defined in paragraphs (c)(6)(i)(A) through (D) of this section are not met, whether these excursions are excused or unexcused excursions. For excursions caused by lack of monitoring data, the duration of periods when monitoring data were not collected shall be specified. An excursion means any of the cases listed in paragraphs (c)(6)(i)(A) through (C) of this section. If the owner or operator elects not to retain the daily average values pursuant to §63.998(b)(5)(ii)(A), the owner or operator shall report this in the Periodic Report.

(A) When the daily average value of one or more monitored parameters is outside the permitted range.

(B) When the period of control or recovery device operation is 4 hours or greater in an operating day and monitoring data are insufficient to constitute a valid hour of data for at least 75 percent of the operating hours.

(C) When the period of control or recovery device operation is less than 4 hours in an operating day and more than one of the hours during the period of operation does not constitute a valid hour of data due to insufficient monitoring data.

(D) Monitoring data are insufficient to constitute a valid hour of data as used in paragraphs (c)(6)(i)(B) and (C) of this section, if measured values are unavailable for any of the 15-minute periods within the hour.

(ii) Report all carbon-bed regeneration cycles during which the parameters recorded under §63.998(a)(2)(ii)(C) were outside the ranges established in the Notification of Compliance Status or in the operating permit.

(iii) The provisions of paragraph (c)(6)(i) and (ii) of



this section do not apply to any low throughput transfer rack for which the owner or operator has elected to comply with §63.985 or to any storage vessel for which the owner or operator is not required, by the applicable monitoring plan established under §63.985(c)(1), to keep continuous records. If continuous records are required, the owner or operator shall specify in the monitoring plan whether the provisions of paragraphs (c)(6)(i) and (c)(6)(ii) of this section apply.

(iv) If the owner or operator has chosen to use the alternative recordkeeping requirements of §63.998(b)(5), and has not notified the Administrator in the Notification of Compliance Status that the alternative recordkeeping provisions are being implemented as specified in paragraph (b)(5) of this section, the owner or operator shall notify the Administrator in the Periodic Report submitted immediately preceding implementation of the alternative. The notifications specified in §63.998(b)(5)(ii) shall be included in the next Periodic Report following the identified event.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 164: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.999(d), Subpart SS

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 164.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Requests for approval of monitoring alternatives—(1) Alternatives to the continuous operating parameter monitoring and recordkeeping provisions. Requests for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in §63.996(d)(1), shall be submitted as specified in a referencing subpart, and the referencing subpart will govern the review and approval of such requests. The information specified in paragraphs



(d)(1)(i) and (ii) of this section shall be included.

(i) A description of the proposed alternative system; and

(ii) Information justifying the owner or operator's request for an alternative method, such as the technical or economic infeasibility, or the impracticality, of the regulated source using the required method.

(2) Monitoring a different parameter than those listed. Requests for approval to monitor a different parameter than those established in §63.996(c)(6) of this section or to set unique monitoring parameters, as provided for in §63.996(d)(2), shall be submitted as specified as specified in a referencing subpart, and the referencing subpart will govern the review and approval of such requests. The information specified in paragraphs (d)(2)(i) through (iii) of this section shall be included in the request.

(i) A description of the parameter(s) to be monitored to ensure the control technology or pollution prevention measure is operated in conformance with its design and achieves the specified emission limit, percent reduction, or nominal efficiency, and an explanation of the criteria used to select the parameter(s);

(ii) A description of the methods and procedures that will be used to demonstrate that the parameter indicates proper operation of the control device, the schedule for this demonstration, and a statement that the owner or operator will establish a range for the monitored parameter(s) as part of the Notification of Compliance Status if required under a referencing subpart, unless this information has already been submitted; and

(iii) The frequency and content of monitoring, recording, and reporting, if monitoring and recording is not continuous, or if reports of daily average values when the monitored parameter value is outside the established range will not be included in periodic reports under paragraph (c) of this section. The rationale for the proposed monitoring, recording, and reporting system shall be included.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 165: Overall requirements for subpart HHHHH
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8000(a), Subpart HHHHH

Item 165.1:

This Condition applies to Emission Unit: 1-33001
Process: MCM

Item 165.2:

The facility must be in compliance with the emission limits and work practice standards in table 1-5 of subpart HHHHH at all times, except during periods of startup, shutdown, and malfunction.

The facility shall meet the requirements specified in §63.8000(b) and (c).

The facility must meet the requirements specified in §63.8005-8025 or meet the alternative means of compliance in §63.8050 - except as specified in §63.8000(d).

The facility must meet the notification, reporting, and recordkeeping requirements specified in §63.8070, 63.8075, and 63.8080.

Condition 166: Opening of safety devices
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8000(b), Subpart HHHHH

Item 166.1:

This Condition applies to Emission Unit: 1-33001
Process: MCM

Item 166.2:

Opening of a safety device, as defined in §63.8105, is allowed at any time conditions require it to avoid unsafe conditions.

Condition 167: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8000(d), Subpart HHHHH

Item 167.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 167.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

In accordance with 63.8000(d)(3), the scrubbers are subject to periodic monitoring, because they receive less than one ton of hazardous air pollutants (HAP) per year.

As indicated in an Alternative Monitoring Plan submitted on February 27, 2015 Von Roll will monitor air flow from the the vessel(s) to the scrubber (required by 63.8005(g)), temperature of the scrubber exhaust, and vacuum pressure created by the scrubber.

The parameters will be determined under the approved Von Roll compliance plan timeline.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: TBD degrees Centigrade (or Celsius)

Upper Permit Limit: TBD degrees Centigrade (or Celsius)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 168: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8000(d), Subpart HHHHH

Item 168.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 168.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Exceptions to the requirements specified in other subparts of this part 63—

(2) Design evaluation. 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 40 CFR part 63. You must establish the value(s) and basis for the operating limits as part of the design evaluation.



(3) Periodic verification. For a control device with total inlet HAP emissions less than 1 ton per year (tpy), you must establish an operating limit(s) for a parameter(s) that you will measure and record at least once per averaging period (i.e., daily or block) to verify that the control device is operating properly. You may elect to measure the same parameter(s) that is required for control devices that control inlet HAP emissions equal to or greater than 1 tpy. If the parameter will not be measured continuously, you must request approval of your proposed procedure in the precompliance report. You must identify the operating limit(s) and the measurement frequency, and you must provide rationale to support how these measurements demonstrate the control device is operating properly.

(5) Continuous parameter monitoring. The provisions in paragraphs (d)(5)(i) through (iii) of this section apply in addition to the requirements for continuous parameter monitoring system (CPMS) in subpart SS of 40 CFR part 63.

(i) 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).

(ii) When subpart SS of 40 CFR 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.

(iii) 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.

(6) Startup, shutdown, and malfunction. Sections 63.998(b)(2)(iii) and (b)(6)(i)(A), which apply to the exclusion of monitoring data collected during periods of startup, shutdown, and malfunction (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 169: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8005(a), Subpart HHHHH

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 169.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

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:

As required in §63.8005, for each portable process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times when the vessel contains a HAP, except for material additions and sampling.

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 1/30/2016.

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

Condition 170: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8005(a), Subpart HHHHH

Item 170.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 170.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

As required in §63.8005, for each stationary process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times then the vessel contains HAP, except for material additions and sampling.



In addition, the facility must reduce emissions of organic HAP with a vapor existing pressure less than 0.6 kPa by at least 60% by weight. The 60% reduction requirement considers both capture and any combination of control devices (except a flare).

To demonstrate initial compliance with this limit, the facility must conduct the performance test or design evaluation under conditions as specified in §63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions.

If a control device is used on the process vessel, the performance test must be conducted according to the procedures listed in §63.1257(b)(8) for batch processes, including the submittal of a site-specific test plan for approval prior to testing.

Parameter Monitored: TOTAL HAP

Lower Permit Limit: 60 percent reduction by weight

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 1/30/2016.

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

Condition 171: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8005(a), Subpart HHHHH

Item 171.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 171.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As required in §63.8005, for each stationary process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times then the vessel contains HAP, except for material additions and sampling.



In addition, the facility must reduce emissions of organic HAP with a vapor existing pressure greater than or equal to 0.6 kPa by at least 75% by weight. The 75% reduction requirement considers both capture and any combination of control devices (except a flare).

To demonstrate initial compliance with this limit, the facility must conduct the performance test or design evaluation under conditions as specified in §63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions.

If a control device is used on the process vessel, the performance test must be conducted according to the procedures listed in §63.1257(b)(8) for batch processes, including the submittal of a site-specific test plan for approval prior to testing.

Parameter Monitored: OVERALL ORGANIC HAP CONTROL EFFICIENCY

Lower Permit Limit: 75 percent by weight

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 172: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8005(a), Subpart HHHHH

Item 172.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 172.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As required in §63.8005, for each stationary process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times then the vessel contains HAP, except for material additions and sampling.

In addition, the facility must reduce emissions of organic



HAP by venting the emissions from a non-halogenated vent stream through a closed-vent system to a flare.

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 1/30/2016.

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

Condition 173: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8005(a), Subpart HHHHH

Item 173.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 173.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As required in §63.8005, for each stationary process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times then the vessel contains HAP, except for material additions and sampling.

In addition, the facility must reduce emissions of organic HAP with a vapor partial pressure greater than 0.6 kPa but less than 17.2 kPa by venting the emissions through a closed-vent system to a condenser that reduces the outlet gas temperature to < 2 degrees C.

To demonstrate initial compliance with this limit, the facility must conduct the performance test or design evaluation under conditions as specified in §63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions.

The performance test must be conducted according to the procedures listed in §63.1257(b)(8) for batch processes, including the submittal of a site-specific test plan for approval prior to testing.

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Parameter Monitored: TEMPERATURE
Upper Permit Limit: 2 degrees Centigrade (or Celsius)
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 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 174: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8005(a), Subpart HHHHH

Item 174.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

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

Item 174.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As required in §63.8005, for each stationary process vessel at an existing source, the facility must equip the vessel with a cover or lid that must be in place at all times then the vessel contains HAP, except for material additions and sampling.

In addition, the facility must reduce emissions of organic HAP with a vapor partial pressure greater than 17.2 kPa by venting the emissions through a closed-vent system to a condenser that reduces the outlet gas temperature to less than -5 degrees C.

To demonstrate initial compliance with this limit, the facility must conduct the performance test or design evaluation under conditions as specified in §63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions.

The performance test must be conducted according to the procedures listed in §63.1257(b)(8) for batch processes, including the submittal of a site-specific test plan for approval prior to testing.



Parameter Monitored: TEMPERATURE
Upper Permit Limit: -5 degrees Centigrade (or Celsius)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 175: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8005(d), Subpart HHHHH

Item 175.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 175.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) To demonstrate initial compliance with a percent reduction emission limit in Table 1 to this subpart, you must conduct the performance test or design evaluation under conditions as specified in §63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions. Also, the performance test for a control device used to control emissions from process vessels must be conducted according to §63.1257(b)(8), including the submittal of a site-specific test plan for approval prior to testing. The requirements in §63.997(e)(1)(i) and (iii) also do not apply for performance tests conducted to determine compliance with the emission limits for process vessels.

(2) For the initial compliance demonstration for condensers, you must determine uncontrolled emissions using the procedures specified in §63.1257(d)(2), and you must determine controlled emissions using the procedures specified in §63.1257(d)(3)(i)(B) and (iii).

(3) You must demonstrate that each process condenser is properly operated according to the procedures specified in §63.1257(d)(2)(i)(C)(4)(ii) and (d)(3)(iii)(B). The reference in §63.1257(d)(3)(iii)(B) to the alternative standard in §63.1254(c) does not apply for the purposes of this subpart. As an alternative to measuring the exhaust gas temperature, as required by §63.1257(d)(3)(iii)(B),



you may elect to measure the liquid temperature in the receiver.

(4) You must conduct a performance test or compliance demonstration equivalent to an initial compliance demonstration within 360 hours of a change in operating conditions that are not considered to be within the previously established worst-case conditions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 176: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8005(e), Subpart HHHHH

Item 176.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 176.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must establish operating limits under the conditions required for your initial compliance demonstration, except you may elect to establish operating limit(s) for conditions other than those under which a performance test was conducted as specified in paragraph (e)(1) of this section and, if applicable, paragraph (e)(2) of this section.

(1) The operating limits may be based on the results of the performance test and supplementary information such as engineering assessments and manufacturer's recommendations. These limits may be established for conditions as unique as individual emission episodes. You must provide rationale in the precompliance report for the specific level for each operating limit, including any data and calculations used to develop the limit and a description of why the limit indicates proper operation of the control device. The procedures provided in this paragraph (e)(1) have not been approved by the Administrator and determination of the operating limit using these procedures is subject to review and approval by the Administrator.



(2) If you elect to establish separate operating limits for different emission episodes, you must maintain records as specified in §63.8085(g) of each point at which you change from one operating limit to another, even if the duration of the monitoring for an operating limit is less than 15 minutes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 177: Flow indicators
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8005(g), Subpart HHHHH

Item 177.1:

This Condition applies to Emission Unit: 1-33001
Process: MCM

Item 177.2:

If flow to a control device could be intermittent, the facility must install, calibrate, and operate a flow indicator at the inlet or outlet of the control device 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.

Condition 178: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8015, Subpart HHHHH

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 178.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. Equipment that is in organic HAP service at an existing source
 - a. Comply with the requirements in §§63.424(a) through (d) and 63.428(e), (f), and (h)(4), except as specified in §63.8015(b); or



b. Comply with the requirements of subpart TT of this part; or

c. Comply with the requirements of subpart UU of this part, except as specified in §63.8015(c) and (d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 179: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8050(d), Subpart HHHHH

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 179.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to complying with the requirements and work practices in Table 1 of this Part and 40 CFR 63.8005(a)and(b) for each individual process vessel at an existing source the facility may:

(1) Maintain a monthly log of the number of batches produced that can be correlated with the emissions estimates per batch developed in accordance with paragraph (c) of this section.

(2) Sum the actual emissions for all of the process vessels in the emissions averaging group every three months, with the first 3-month period beginning on the compliance date, and compare the resulting total with the total emissions for the vessels calculated in accordance with paragraph (c)(2) of this section. Compliance is demonstrated if the sum of the actual emissions is less than the emissions estimated in accordance with paragraph (c)(2) of this section.

(3) For control devices, establish operating limits and monitor as specified in §63.8000.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 180: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 40CFR 63.8055, Subpart HHHHH

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 180.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) As an alternative to complying with the requirements in Table 1 to this subpart for each individual stationary process vessel at an existing source, you may elect to comply with a 5 weight percent HAP limit for process vessels at your affected source that are used to manufacture coatings with a HAP content of less than 0.05 kg per kg product as specified in paragraph (b) of this section.

(b) You may only comply with the alternative during the production of coatings that contain less than 5 weight percent HAP, as determined using any of the procedures specified in paragraphs (b)(1) through (4) of this section.

(1) Method 311 (appendix A to 40 CFR part 63).

(2) Method 24 (appendix A to 40 CFR part 60). You may use Method 24 to determine the mass fraction of volatile matter and use that value as a substitute for the mass fraction of HAP.

(3) You may use an alternative test method for determining mass fraction of HAP if you obtain prior approval by the Administrator. You must follow the procedure in §63.7(f) to submit an alternative test method for approval.

(4) You may rely on formulation data from raw material suppliers if it represents each organic HAP that is present at 0.1 percent by mass or more for OSHA-defined carcinogens, as specified in 29 CFR 1910.1200(d)(4), and at 1.0 percent by mass or more for other compounds. If the HAP weight percent estimated based on formulation data conflicts with the results of a test conducted according



to paragraphs (b)(1) through (3) of this section, then there is a rebuttal presumption that the test results are accurate unless, after consultation, you demonstrate to the satisfaction of the permitting authority that the test results are not accurate and that the formulation data are more appropriate.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 181: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8075(e), Subpart HHHHH

Item 181.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001
Process: MCM

Item 181.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The compliance report must contain the information specified in paragraphs (e)(1) through (8) of this section.

- (1) Company name and address.
- (2) Statement by a responsible official with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report and beginning and ending dates of the reporting period.
- (4) Applicable records and information for periodic reports as specified in referenced subparts F, SS, TT, UU, and WW of this part 63.
- (5) For each SSM during which excess emissions occur, the compliance report must include the information specified in paragraphs (e)(5)(i) and (ii) of this section.
 - (i) Records that the procedures specified in your startup, shutdown, and malfunction plan (SSMP) were followed or documentation of actions taken that are not consistent



with the SSMP.

(ii) A description of each malfunction.

(6) The compliance report must contain the information on deviations, as defined in §63.8105, according to paragraphs (e)(6)(i), (ii), and (iii) of this section.

(i) If there are no deviations from any emission limit, operating limit, or work practice standard specified in this subpart, include a statement that there were no deviations from the emission limits, operating limits, or work practice standards during the reporting period.

(ii) For each deviation from an emission limit, operating limit, and work practice standard that occurs at an affected source where you are not using a continuous monitoring system (CMS) to comply with the emission limit or work practice standards in this subpart, you must include the information in paragraphs (e)(6)(ii)(A) through (C) of this section.

(A) The total operating time of each affected source during the reporting period.

(B) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(C) Operating logs for the day(s) during which the deviation occurred, except operating logs are not required for deviations of the work practice standards for equipment leaks.

(iii) For each deviation from an emission limit or operating limit occurring at an affected source where you are using a CMS to comply with the emission limit in this subpart, you must include the information in paragraphs (e)(6)(iii)(A) through (K) of this section. This includes periods of SSM.

(A) The date and time that each CMS was inoperative, except for zero (low-level) and high-level checks.

(B) The date, time, and duration that each CEMS was out-of-control, including the information in §63.8(c)(8).

(C) 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.

(D) 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.

(E) 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.

(F) 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.

(G) An identification of each HAP that is known to be in the emission stream or wastewater stream, as applicable.

(H) A description of the product being produced.

(I) Identification of the CMS.

(J) The date of the latest CMS certification or audit.

(K) The operating day or operating block average values of monitored parameters for each day(s) during which the deviation occurred.

(7) If you use a CEMS, and there were no periods during which it was out-of-control as specified in §63.8(c)(7), include a statement that there were no periods during which the CEMS was out-of-control during the reporting period.

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 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 182: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:40CFR 63.8080, Subpart HHHHH



Item 182.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

Process: MCM

Item 182.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept at the facility and available for review:

(a) Each applicable record required by subpart A of this part 63 and in referenced subparts SS, TT, UU, and WW of this part 63.

(b) If complying with emissions averaging, records of the monthly number of batches for each process vessel, the quarterly actual emissions for each process vessel, the quarterly estimated emissions for each process vessel if it had been controlled as specified in Table 1 to this subpart, and comparison of the sums of the quarterly actual and estimated emissions as specified in §63.8050(d).

(c) A record of each time a safety device is opened to avoid unsafe conditions in accordance with §63.8000(b)(2).

(d) Records of the results of each CPMS calibration check and the maintenance performed, as specified in §63.8000(d)(5).

(f) In the SSMP required by §63.6(e)(3), you are not required to include Group 2 or non-affected emission points. For equipment leaks only, the SSMP requirement is limited to control devices and is optional for other equipment.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 183: Compliance Certification
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement: 6 NYCRR 229.3 (e) (2) (v)

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 183.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-TANKS

Item 183.2:

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. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

Subsequent reports are due every 12 calendar month(s).

Condition 184: Compliance Certification

Effective between the dates of 11/04/2015 and 11/03/2020

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (v)

Item 184.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-TANKS

Item 184.2:

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. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



The initial report is due 1/30/2016.
Subsequent reports are due every 12 calendar month(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 185: Contaminant List
Effective between the dates of 11/04/2015 and 11/03/2020

Applicable State Requirement:ECL 19-0301

Item 185.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY075-00-0
Name: PARTICULATES



CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

**Condition 186: Malfunctions and start-up/shutdown activities
Effective between the dates of 11/04/2015 and 11/03/2020**

Applicable State Requirement:6 NYCRR 201-1.4

Item 186.1:

(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 187: Criteria for temporary emission sources
Effective between the dates of 11/04/2015 and 11/03/2020**

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



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.

