



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0122-00007/00719
Mod 0 Effective Date: 09/25/2002 Expiration Date: 09/25/2007
Mod 1 Effective Date: 09/25/2002 Expiration Date: 08/01/2007
Mod 2 Effective Date: 04/22/2005 Expiration Date: 09/25/2007
SAPA Extended Begin Date: 09/26/2007

Permit Issued To: SABIC NORYL US LLC
1 NORYL AVE
SELKIRK, NY 12158

Facility: SABIC NORYL US - SELKIRK PLASTICS PLT
1 NORYL AVE
SELKIRK, NY 12158

Contact: SRIKISHAN V KONIKI
SABIC NORYL US LLC
1 NORYL AVE
SELKIRK, NY 12158
(518) 475-5010

Description:

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: MICHAEL T HIGGINS
DIVISION OF ENVIRONMENTAL PERMITS
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 and Modifications
Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS

New York State Department of Environmental Conservation
Facility DEC ID: 4012200007





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 4: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

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 4.2:

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 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 3: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 3.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Permit Issued To: SABIC NORYL US LLC
1 NORYL AVE
SELKIRK, NY 12158

Facility: SABIC NORYL US - SELKIRK PLASTICS PLT
1 NORYL AVE
SELKIRK, NY 12158

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

Mod 0 Permit Effective Date: 09/25/2002

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Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 201-6: Emission Unit Definition
- 2 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 3 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 4 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 5 6NYCRR 201-6.5(e): Compliance Certification
- 6 6NYCRR 201-6.5(f): Compliance Certification
- 7 6NYCRR 201-6.5(f): Compliance Certification
- 8 6NYCRR 202-2.1: Compliance Certification
- 9 6NYCRR 202-2.5: Recordkeeping requirements
- 10 6NYCRR 225-1.2(a)(2): Compliance Certification
- 11 6NYCRR 225-1.8: Compliance Certification
- 12 6NYCRR 231-2: Compliance Certification
- 13 6NYCRR 236.2(c): Compliance with Federal regulations
- 14 40CFR 52.21, Subpart A: Compliance Certification
- 15 40CFR 52.21, Subpart A: Compliance Certification
- 16 40CFR 52.21, Subpart A: Compliance Certification
- 2-1 40CFR 68: Accidental release provisions.
- 18 40CFR 82, Subpart F: Recycling and Emissions Reduction

Emission Unit Level

- 19 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 20 6NYCRR 201-6: Process Definition By Emission Unit

EU=A-PAREA

- 2-2 40CFR 63.104, Subpart F: Provisions for handling leaks found in heat exchanger coolant
- 25 40CFR 63.167(a), Subpart H: Open-ended valves or lines standards
- 26 40CFR 63.171(a), Subpart H: Delay of repair - general
- 27 40CFR 63.171(c), Subpart H: Delay of repair - valves, connectors, and agitators
- 28 40CFR 63.171(d), Subpart H: Delay of repair - pumps
- 29 40CFR 63.171(e), Subpart H: Delay of repair beyond process unit shutdown
- 30 40CFR 63.173, Subpart H: Compliance Certification
- 31 40CFR 63.174(a), Subpart H: Compliance Certification
- 32 40CFR 63.181(a), Subpart H: General recordkeeping requirements

EU=A-PAREA,Proc=AFE



- 33 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
- 34 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 35 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 36 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 37 40CFR 63.103(c)(1), Subpart F: Record retention*
- 38 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 39 40CFR 63.103(d), Subpart F: Submittal of reports
- 40 40CFR 63.160, Subpart H: Equipment Leaks Applicability and Overlap with Other Rules

EU=A-PAREA,Proc=AFE,ES=ALDAR

- 41 40CFR 63.162, Subpart H: General Leak Standards
- 42 40CFR 63.162(c), Subpart H: General standards - identification of equipment
- 43 40CFR 63.162(f), Subpart H: General standards - Detection of leaks in pumps, connectors, closed vent systems and control devices, agitators, and compressors
- 44 40CFR 63.162(f), Subpart H: General standards - detection of leaks in valves
- 45 40CFR 63.163, Subpart H: Pumps in light liquid service - exemptions
- 46 40CFR 63.163(b)(2), Subpart H: Compliance Certification
- 47 40CFR 63.165, Subpart H: Pressure relief devices in gas/vapor service - exemptions
- 48 40CFR 63.165, Subpart H: Compliance Certification
- 49 40CFR 63.166, Subpart H: Sampling connection systems standards
- 50 40CFR 63.167(a)(1), Subpart H: Compliance Certification
- 51 40CFR 63.167(b), Subpart H: Compliance Certification
- 52 40CFR 63.168, Subpart H: Compliance Certification
- 53 40CFR 63.168(f)(1), Subpart H: Compliance Certification
- 54 40CFR 63.169, Subpart H: Compliance Certification
- 55 40CFR 63.171(b), Subpart H: Delay of repair for isolated equipment
- 56 40CFR 63.174(c)(1)(i), Subpart H: Connectors in gas/vapor or light liquid service - provisions for sealed connectors
- 57 40CFR 63.174(f), Subpart H: Connectors in gas/vapor or light liquid service - unsafe-to-monitor
- 58 40CFR 63.174(g), Subpart H: Connectors in gas/vapor or light liquid service - unsafe-to-repair
- 59 40CFR 63.181(b), Subpart H: Compliance Certification
- 60 40CFR 63.182(a), Subpart H: Reporting standards - general
- 61 40CFR 63.182(d), Subpart H: Reporting requirements - periodic reports

EU=A-PAREA,Proc=AFE,ES=APHES

- 62 40CFR 63.104, Subpart F: Delay of repair provisions for heat exchange systems
- 63 40CFR 63.104, Subpart F: Compliance Certification
- 64 40CFR 63.104(a)(1), Subpart F: Exemption from monitoring of heat exchange system - pressurizing coolant water
- 65 40CFR 63.104(a)(2), Subpart F: Exemptions from heat exchange system monitoring - presence of intervening coolant

EU=A-PAREA,Proc=AFE,ES=APMWW

- 66 40CFR 63.105, Subpart F: Compliance Certification



EU=A-PAREA,Proc=AFE,ES=APPWW

- 67 40CFR 63.132(a)(3), Subpart G: Compliance Certification
- 68 40CFR 63.146(b)(2), Subpart G: Process wastewater reporting provisions - reporting for Group 2 streams
- 69 40CFR 63.147(a), Subpart G: Process wastewater provisions - recordkeeping - transfer of Group 1 wastewater

EU=A-PAREA,Proc=AMP

- 70 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
- 71 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 72 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 73 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 74 40CFR 63.103(c)(1), Subpart F: Record retention*
- 75 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 76 40CFR 63.103(d), Subpart F: Submittal of reports

EU=A-PAREA,Proc=APV

- 77 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
- 78 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 79 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 80 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 81 40CFR 63.103(c)(1), Subpart F: Record retention*
- 82 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 83 40CFR 63.103(d), Subpart F: Submittal of reports
- 84 40CFR 63.113(e), Subpart G: Standards for group 2 process vents
- 85 40CFR 63.115(d)(1), Subpart G: Compliance Certification
- 86 40CFR 63.117(b), Subpart G: Compliance Certification
- 87 40CFR 63.118(c), Subpart G: Compliance Certification
- 88 40CFR 63.118(h), Subpart G: Compliance Certification

EU=A-PAREA,Proc=ASH

- 89 6NYCRR 212.4(c): Compliance Certification

EU=A-PAREA,Proc=AT2

- 90 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
- 91 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 92 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 93 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 94 40CFR 63.103(c)(1), Subpart F: Record retention*
- 95 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 96 40CFR 63.103(d), Subpart F: Submittal of reports

EU=A-PAREA,Proc=AT3

- 97 6NYCRR 212.4(a): Compliance Certification
- 98 6NYCRR 212.10(c): Compliance Certification
- 99 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
- 100 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 101 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests



- 102 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 103 40CFR 63.103(c)(1), Subpart F: Record retention*
- 104 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 105 40CFR 63.103(d), Subpart F: Submittal of reports
- 106 40CFR 63.160, Subpart H: Equipment Leaks Applicability and Overlap
with Other Rules
- 107 40CFR 63.162(c), Subpart H: General standards - identification of
equipment
- 108 40CFR 63.170, Subpart H: Compliance Certification

EU=A-PAREA,Proc=AT3,ES=MF102

- 109 40CFR 63.172(b), Subpart H: Compliance Certification
- 110 40CFR 63.181(b), Subpart H: Compliance Certification
- 111 40CFR 63.182(a), Subpart H: Reporting standards - general
- 112 40CFR 63.182(d), Subpart H: Reporting requirements - periodic reports

EU=A-PAREA,Proc=AT4

- 113 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction
operational standards
- 114 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 115 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 116 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 117 40CFR 63.103(c)(1), Subpart F: Record retention*
- 118 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 119 40CFR 63.103(d), Subpart F: Submittal of reports
- 120 40CFR 63.119(e), Subpart G: Compliance Certification
- 121 40CFR 63.123(a), Subpart G: Compliance Certification
- 122 40CFR 63.152(c)(1), Subpart G: Periodic reports
- 123 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=A-PAREA,Proc=AT5

- 124 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction
operational standards
- 125 40CFR 63.103(a), Subpart F: Applicability of General Provisions
- 126 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
- 127 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
- 128 40CFR 63.103(c)(1), Subpart F: Record retention*
- 129 40CFR 63.103(c)(2), Subpart F: Compliance Certification
- 130 40CFR 63.103(d), Subpart F: Submittal of reports
- 131 40CFR 63.123(a), Subpart G: Compliance Certification
- 132 40CFR 63.160, Subpart H: Equipment Leaks Applicability and Overlap
with Other Rules
- 133 40CFR 63.162(c), Subpart H: General standards - identification of
equipment
- 134 40CFR 63.162(f), Subpart H: General standards - Detection of leaks
in pumps, connectors, closed vent systems and control devices, agitators,
and compressors
- 135 40CFR 63.162(f), Subpart H: General standards - detection of leaks
in valves
- 136 40CFR 63.170, Subpart H: Compliance Certification

EU=A-PAREA,Proc=AT5,ES=M305A

- 137 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons



EU=A-PAREA,Proc=AT5,ES=MS301

138 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

EU=A-PAREA,Proc=BIF

139 6NYCRR 212.10(c): Compliance Certification

EU=A-PAREA,Proc=BIF,ES=00284

140 40CFR 52.21, Subpart A: Compliance Certification

EU=A-PAREA,EP=00282

141 40CFR 63.119(e)(1), Subpart G: Compliance Certification

EU=A-PAREA,EP=00282,Proc=AT3

142 40CFR 63.162, Subpart H: General Leak Standards

143 40CFR 63.162(f), Subpart H: General standards - Detection of leaks
in pumps, connectors, closed vent systems and control devices, agitators,
and compressors

144 40CFR 63.162(f), Subpart H: General standards - detection of leaks
in valves

EU=A-PAREA,EP=00282,Proc=AT5

145 40CFR 63.162, Subpart H: General Leak Standards

EU=A-PAREA,EP=00284

146 6NYCRR 212.11(b)(5): Compliance Certification

147 6NYCRR 212.11(b)(5): Compliance Certification

148 6NYCRR 212.11(b)(5): Compliance Certification

149 6NYCRR 225-2.4(a)(2): Compliance Certification

150 6NYCRR 225-2.4(a)(4): Compliance Certification

151 6NYCRR 225-2.4(a)(4): Compliance Certification

152 6NYCRR 225-2.4(a)(4): Compliance Certification

153 6NYCRR 225-2.4(a)(4): Compliance Certification

154 6NYCRR 225-2.7(a): Compliance Certification

155 6NYCRR 225-2.7(e): Compliance Certification

156 40CFR 50: Compliance Certification

EU=A-PAREA,EP=00284,Proc=BIF,ES=00284

157 6NYCRR 212.4(c): Compliance Certification

EU=A-PAREA,EP=01212

158 40CFR 63.113(b), Subpart G: Requirements for boilers/process
heaters used to comply with process vent standards

159 40CFR 63.114(d)(2), Subpart G: Compliance Certification

160 40CFR 63.117(a)(4)(iii), Subpart G: Compliance Certification

EU=A-PAREA,EP=01252,Proc=AT5,ES=M305B

161 6NYCRR 212.10(c): Compliance Certification

EU=A-PAREA,EP=01268,Proc=AT1,ES=01268



162 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons

EU=C-XPRSS,EP=05000,Proc=CXP,ES=05000

163 6NYCRR 212.10(c): Compliance Certification

EU=C-XPRSS,EP=05004,Proc=CXP,ES=C5004

164 6NYCRR 212.4(c): Compliance Certification

EU=C-XPRSS,EP=05005,Proc=CXP,ES=05005

165 6NYCRR 212.4(c): Compliance Certification

EU=D-GREAS

2-3 6NYCRR 226: Compliance Certification

EU=G-ELBLG,Proc=GFE

196 40CFR 63.1311(d), Subpart JJJ: Compliance Dates

197 40CFR 63.1311(f), Subpart JJJ: Part 63 General Provisions requirements

EU=G-ELBLG,Proc=GPV

198 6NYCRR 212.4(c): Compliance Certification

199 40CFR 63.1311(f), Subpart JJJ: Part 63 General Provisions requirements

EU=G-ELBLG,Proc=GSH

200 6NYCRR 212.4(c): Compliance Certification

EU=G-ELBLG,Proc=GVR

201 6NYCRR 212.4(a): Compliance Certification

202 6NYCRR 212.10(c): Compliance Certification

203 40CFR 63.1311(f), Subpart JJJ: Part 63 General Provisions requirements

EU=H-IPSBG

169 40CFR 63.113(b), Subpart G: Requirements for boilers/process heaters used to comply with process vent standards

170 40CFR 63.1311(f), Subpart JJJ: Part 63 General Provisions requirements

171 40CFR 63.1313(a), Subpart JJJ: Emission standards

172 40CFR 63.1317, Subpart JJJ: Monitoring provisions for polystyrene production

173 40CFR 63.1319(a), Subpart JJJ: Recordkeeping provisions for polystyrene production

174 40CFR 63.1320(a), Subpart JJJ: Reporting provisions for polystyrene production

175 40CFR 63.1335, Subpart JJJ: Compliance Certification

176 40CFR 63.1335(e)(6), Subpart JJJ: Periodic Reports

EU=H-IPSBG,Proc=HFE

177 40CFR 63.1311(c), Subpart JJJ: Compliance schedule and relationship to existing rules*

178 40CFR 63.1311(d), Subpart JJJ: Compliance Dates

179 40CFR 63.1311(o), Subpart JJJ: Definition of time intervals

180 40CFR 63.1328, Subpart JJJ: Heat exchange systems provisions

181 40CFR 63.1331, Subpart JJJ: Equipment leak provisions

EU=H-IPSBG,Proc=HPV



182 40CFR 63.1311(c), Subpart JJJ: Compliance schedule and relationship to existing rules*

183 40CFR 63.1315, Subpart JJJ: Provisions for continuous process vents

184 40CFR 63.1316, Subpart JJJ: Compliance Certification

EU=H-IPSBG,Proc=HSH

185 6NYCRR 212.4(c): Compliance Certification

EU=H-IPSBG,Proc=HT3

186 6NYCRR 212.10(c): Compliance Certification

EU=H-IPSBG,EP=03001,Proc=HT1,ES=03001

187 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons

EU=H-IPSBG,EP=03003,Proc=HT1,ES=03003

188 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

EU=H-IPSBG,EP=03004,Proc=HT1,ES=03004

189 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons

EU=H-IPSBG,EP=03008,Proc=HT1,ES=03008

190 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons

EU=H-IPSBG,EP=03012,Proc=HPV,ES=03012

191 6NYCRR 212.4(c): Compliance Certification

EU=H-IPSBG,EP=03032,Proc=HT2,ES=03032

192 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification

193 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=H-IPSBG,EP=03033,Proc=HT2,ES=03033

194 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification

195 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=R-ESBLG

210 6NYCRR 212.11(b): Continuous monitors for control equipment.

EU=R-ESBLG,Proc=RPV,ES=00403

211 6NYCRR 212.10(c): Compliance Certification

212 40CFR 52.21, Subpart A: Compliance Certification

EU=R-ESBLG,Proc=RRX

213 6NYCRR 212.4(a): Compliance Certification

214 6NYCRR 212.10(c): Compliance Certification

EU=R-ESBLG,Proc=RSH

215 6NYCRR 212.4(c): Compliance Certification

EU=R-ESBLG,Proc=RT2,ES=00417

216 6NYCRR 212.10(c): Compliance Certification

EU=R-ESBLG,Proc=RT2,ES=00446

217 6NYCRR 212.10(c): Compliance Certification



- EU=R-ESBLG,Proc=RT2,ES=00448**
218 6NYCRR 212.10(c): Compliance Certification
- EU=R-ESBLG,Proc=RT2,ES=00449**
219 6NYCRR 212.10(c): Compliance Certification
- EU=R-ESBLG,Proc=RWS**
220 6NYCRR 212.10(c): Compliance Certification
- EU=R-ESBLG,EP=00306,Proc=RT2,ES=00306**
221 6NYCRR 212.10(c)(1): Compliance Certification
- EU=R-ESBLG,EP=00310,Proc=RT1,ES=00310**
222 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons
- EU=R-ESBLG,EP=00344,Proc=RRX,ES=00344**
223 6NYCRR 212.4(a): Compliance Certification
- EU=R-ESBLG,EP=00403,Proc=RPV,ES=00403**
224 6NYCRR 212.4(a): Compliance Certification
225 6NYCRR 231-2: Compliance Certification
- EU=R-ESBLG,EP=00417,Proc=RT2,ES=00417**
226 6NYCRR 212.4(a): Compliance Certification
- EU=R-ESBLG,EP=00420,Proc=RT1,ES=00420**
227 6NYCRR 229.3(e)(1): VOL fixed roof storage tank requirements
228 6NYCRR 229.3(e)(1): Compliance Certification
- EU=R-ESBLG,EP=00421,Proc=RT2,ES=00421**
229 6NYCRR 212.4(a): Compliance Certification
230 6NYCRR 212.10(c): Compliance Certification
- EU=R-ESBLG,EP=00446,Proc=RT2,ES=00446**
231 6NYCRR 212.4(a): Compliance Certification
- EU=R-ESBLG,EP=00447,Proc=RT1,ES=00447**
232 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons
- EU=R-ESBLG,EP=00448,Proc=RT2,ES=00448**
233 6NYCRR 212.4(a): Compliance Certification
- EU=R-ESBLG,EP=00449,Proc=RT2,ES=00449**
234 6NYCRR 212.4(a): Compliance Certification
- EU=R-ESBLG,EP=00459,Proc=RT1,ES=00459**
235 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons
- EU=R-ESBLG,EP=01305,Proc=RT1,ES=RM607**
236 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons
237 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification
238 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification



EU=R-ESBLG,EP=01305,Proc=RT2,ES=RM606

- 239 6NYCRR 212.10(c)(1): Compliance Certification
- 240 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification
- 241 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=R-ESBLG,EP=01305,Proc=RT3,ES=RM605

- 242 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification
- 243 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=R-ESBLG,EP=01355,Proc=RWS,ES=01355

- 244 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01356,Proc=RWS,ES=01356

- 245 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01357,Proc=RWS,ES=01357

- 246 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01358,Proc=RWS,ES=01358

- 247 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01359,Proc=RWS,ES=01359

- 248 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01365,Proc=RWS,ES=IVSMS

- 249 6NYCRR 212.4(a): Compliance Certification
- 250 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01366,Proc=RPV,ES=01366

- 251 6NYCRR 212.4(a): Compliance Certification
- 252 6NYCRR 212.4(a): Compliance Certification

EU=R-ESBLG,EP=01379,Proc=RT4

- 2-4 6NYCRR 212.10(c): Compliance Certification

EU=S-FSBLG

- 253 6NYCRR 212.11(b): Continuous monitors for control equipment.

EU=S-FSBLG,Proc=FEX,ES=C2581

- 254 6NYCRR 212.4(a): Compliance Certification

EU=S-FSBLG,Proc=FEX,ES=C2593

- 255 6NYCRR 212.4(a): Compliance Certification

EU=S-FSBLG,EP=00597,Proc=FT1,ES=00597

- 256 6NYCRR 229.3(e)(2)(v): VOL storage tanks less than 10000 gallons

EU=S-FSBLG,EP=01571,Proc=FT1,ES=01571

- 257 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

EU=S-FSBLG,EP=02593,Proc=FPV,ES=RECUP

- 258 6NYCRR 212.4(c): Compliance Certification



EU=S-FSBLG,EP=02600,Proc=FSH

259 6NYCRR 212.4(c): Compliance Certification

EU=S-FSBLG,EP=02601,Proc=FSH

260 6NYCRR 212.4(c): Compliance Certification

EU=S-FSBLG,EP=02617,Proc=FSH

261 6NYCRR 212.4(c): Compliance Certification

EU=S-FSBLG,EP=02710,Proc=FT1,ES=02710

262 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

263 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification

264 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=S-FSBLG,EP=02756,Proc=FT1,ES=02756

265 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

266 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification

267 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=W-TAREA

268 6NYCRR 212.11(b): Continuous monitors for control equipment.

EU=W-TAREA,Proc=WT1

269 6NYCRR 229.3(e)(2)(iv): VOL storage tanks from 10000 - 20000 gallons

EU=W-TAREA,EP=00712,Proc=WPV,ES=DH712

270 6NYCRR 212.10(c): Compliance Certification

EU=W-TAREA,EP=00723,Proc=WT2,ES=00723

271 40CFR 60.116b(a), NSPS Subpart Kb: Compliance Certification

272 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

273 ECL 19-0301: Contaminant List

274 6NYCRR 201-1.4: Unavoidable noncompliance and violations

275 6NYCRR 211.2: Air pollution prohibited



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: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

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



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought 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 and/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;

(3) During the period of the emergency the facility owner and/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 and/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 and/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 F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

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.

Item H: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item I: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or



units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

- Item K: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(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 L: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(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 M: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(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 N: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(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 O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**
The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the



permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(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 Q: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Item T: Severability - 6 NYCRR Part 201-6.5(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 U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. 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.

Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the Administrator and the Department with written notification in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

Item W: Permit Shield - 6 NYCRR Part 201-6.5(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 X: Reopening for Cause - 6 NYCRR Part 201-6.5(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 Y: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item AA: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item BB: 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 CC: 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.

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

Condition 1: Emission Unit Definition

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 1.1(From Mod 2):

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

Emission Unit: A-PAREA

Emission Unit Description:

AP AREA MANUFACTURES PHENOLICS FOR
INTERNAL AND EXTERNAL USE.

Building(s): AP

Item 1.2(From Mod 2):

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

Emission Unit: D-GREAS

Emission Unit Description:

DEGREASERS (PARTS WASHERS) THAT ARE
LOCATED THROUGHOUT PLANT SITE.

Item 1.3(From Mod 2):

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

Emission Unit: R-ENGEN

Emission Unit Description:



THIS EMISSION UNIT IS COMPRISED OF EIGHT (8) DIESEL GENERATORS TO BE USED FOR PEAK SHAVING AT VARIOUS OUTSIDE LOCATIONS THROUGHOUT THE PLANT. THIS EMISSION UNIT IS BEING CAPPED FOR NOX EMISSIONS.

Item 1.4(From Mod 2):

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

Emission Unit: R-ESBLG

Emission Unit Description:

RESIN PRODUCES PLASTIC RESINS.

Building(s): RESIN
RESIN REAC

Item 1.5(From Mod 0):

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

Emission Unit: C-XPRSS

Emission Unit Description:

COLORXPRESS processes plastic for internal and external use.

Building(s): COLORXPRES

Item 1.6(From Mod 0):

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

Emission Unit: G-ELBLG

Emission Unit Description:

GELOY PRODUCES PLASTIC MATERIALS.

Building(s): GELOY

Item 1.7(From Mod 0):

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

Emission Unit: H-IPSBG

Emission Unit Description:

GEH PRODUCES PLASTIC MATERIALS.

Building(s): HIPS
HIPS RAIL

Item 1.8(From Mod 0):

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

Emission Unit: S-FSBLG

Emission Unit Description:

SFS IS A COMPOUNDING FACILITY.

Building(s): SFS

Item 1.9(From Mod 0):

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

Emission Unit: W-TAREA

Emission Unit Description:



WWTP IS THE PLANT SITE WASTE WATER
TREATMENT FACILITY.

Building(s): WWTP

SUBJECT MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
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 2: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6.5(c)

Item 2.1:

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 201-6.3 of this Part
201.

Condition 3: Monitoring, Related Recordkeeping, and Reporting
Requirements.
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6.5(c)(2)

Item 3.1:

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.

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

Condition 4: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

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 or a toxic 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 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraph (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) through (4) above. 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.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition



that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

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 1/30/2003.

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

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

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 5: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6.5(e)

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:



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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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



The address for the RAPCE is as follows:

1150 North Westcott Road
Schenectady, NY 12306-2014

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
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 7/30/2003.
Subsequent reports are due on the same day each year

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

Condition 6: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.5(f)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance with the following Operational Flexibility Plan. The records shall indicate dates for each change proposed, ongoing, and completed under the Plan and include a description of that change. The description shall summarize the change and identify each affected emission unit, emission source, process, and/or emission point.

Records shall be in a format acceptable to the Department,



shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

THE OPERATIONAL FLEXIBILITY PLAN CONSISTS OF THE FOLLOWING.

(A) Operational Flexibility:

No permit modifications will be required, under any approved emissions trading, economic incentives, marketable permits, or other similar programs or processes for changes that are provided for in the permit.

(1) Alternate operating scenarios. The permittee may propose a range of operating conditions that will allow flexibility to operate under more than one operating scenario. If any such scenarios have been specified within this permit, operation under each proposed alternate operating scenario is authorized without requiring a permit revision. The permittee must track and report the scenarios that the major stationary source operates under according to the requirements of this permit, and contemporaneously with making a change from one operating scenario to another, the facility owner and operator must record the scenarios in a log at the facility. The alternate operating scenarios shall be specified by terms and conditions stated in the permit and shall not contravene any applicable requirement. Alternative operating scenarios may include but are not limited to:

(i) Specifying, as maximum permissible operating conditions, alternative operational scenarios that can be expected to occur during the term of the permit.

(ii) The specification of the maximum permissible emissions rate as the enforceable limit unless the operational capacity of the emissions source or emission unit is limited as a result of applicable or other requirements.

(iii) The aggregation of emissions from emission units to be detailed under an approved operational flexibility plan, describing the manner in which emissions may be varied in quantity and nature among such emissions units. Applications must describe the location and characteristics of emission units involved, and the corresponding emissions.



(iv) Other bases for the facilitation of operational flexibility not in violation of federal or state law or regulation as approved by the Department and the Administrator.

(2) Protocol. In the operational flexibility plan the owner and/or operator may propose to incorporate a protocol component by which the permittee will evaluate proposed changes for compliance with applicable requirements. Compliance with an approved protocol shall serve as compliance with Part 212 of this Chapter except that it shall not undo previous 212.10 RACT determinations or otherwise absolve the permittee from 212.10 RACT compliance obligations. The protocol shall include provisions for notifying the Department of changes. Detail must be sufficient to allow for the assessment of control requirements, to determine compliance with applicable requirements and to maintain the Department's source inventory. Changes made pursuant to an approved protocol are not subject to the provisions of Section 201-6.7 of this Subpart.

(B) Plan Objective:

The objective of this Plan is to maximize operational flexibility by building capability into the Title V Permit for the facility to make administrative and/or minor changes following a preestablished protocol as allowed for in 6 NYCRR, Part 201-6.5(f).

This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify as minor modifications pursuant to the following criteria specified by 6 NYCRR Part 201-6.7(c)(1)(i) through (v):

(i) Do not violate any applicable requirement.

(ii) Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit and are not otherwise a significant change in the permit.

(iii) Do not require or change a case-by-case determination of a federal emission limitation or other federal standard, or a specific determination for portable sources causing adverse ambient impacts, or a visibility or increment analysis.

(iv) Do not seek to establish or change a permit term or condition that the



facility has assumed to avoid an applicable requirement to which the emission source would otherwise be subject. Such terms and conditions include:

(a) A

federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the Act, including Part 231 of this Chapter; or

(b) An

alternative emissions limit approved pursuant to the early reduction program under Section 112 of the Act.

(v) Are not modifications under any provision of Title I of the Act, including modifications resulting in significant net emission increases as defined and regulated under Part 231 of this Chapter or the federal Prevention of Significant Deterioration program regulations at 40 CFR 52.21.

(C) Protocol for Changes:

(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.

(i) Changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under 6 NYCRR.

(ii) Changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under 6 NYCRR.

(iii) Changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

(2) In addition to the record keeping required under (B)(1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:



(i) the installation or relocation of any emission unit, emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the emission of any hazardous air pollutant.

(iv) the installation or alteration of any air cleaning installation, device or control equipment.

(3) The Department may require a permit modification, in order to impose applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) above or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the change for air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change. GE Selkirk potentially may wish to change the manufacturing operations to introduce new products or materials, modify products, and improve quality and productivity. While many of these changes affect air emissions, most of them have a very small impact and do not alter the regulatory applicability documented in the Title V permit.

The OpFlex plan specific for this facility follows:

This document describes the process that GE proposes for use in reviewing changes to determine whether they trigger additional requirements under federal or state air regulations thereby requiring a formal permit modification. In particular, this protocol will be used to assess whether a proposed change will alter emissions from a source so as to trigger 6 NYCRR Part 212 and, if so, whether the source is equipped with the controls necessary to satisfy the requirements of that regulation. In brief, changes will be addressed under this protocol as follows:

Any changes within an emission unit that do not result in



an increase in potential emissions of a regulated material or an emission of any hazardous air pollutant from that emission unit and do not trigger any new applicable air requirements may proceed without notification to DEC. GE will maintain records of information supporting the decisions in these cases and record the change for possible inclusion into GE Title V permit

If the review shows that a permit modification is not required either because the emission increase does not trigger additional requirements under state or federal air regulations or because the source already meets the control requirements specified in the regulation, GE will proceed with the change and notify the DEC as allowed in 201-6.5(f)(2). If information becomes available after the change is implemented which indicates that the change will not meet the requirements of all applicable air regulations, GE will comply with the appropriate regulatory requirements.

If the review shows that permit modification is necessary because the proposed change triggers a new applicable requirement under any state or federal air regulation, GE will submit the required application to DEC.

Where changes require updating drawings or other documents which have been submitted to DEC, GE will supply DEC with the updated documents, even if the change did not require that DEC be notified. All proposed changes will be reviewed to determine the potential applicability of federal and state applicable air requirements, including, but not limited to, 6 NYCRR Part 231 (nonattainment New Source Review), 40 CFR 52.21 (Prevention of Significant Deterioration), 40 CFR Part 60 (New Source Performance Standards), 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants), and Miscellaneous VOC and NO_x RACT requirements, including 6 NYCRR Parts 212, 227-2, and 229. If the change triggers any requirements of any federal or state air regulation other than 6 NYCRR Part 212, this protocol will not be used.

The types of changes, which will be covered by this protocol, include, but are not limited to, the following:

1. Movement of equipment or emission points,
2. Movement of a product from one piece of equipment to another,
3. Introduction of a new material to an emission unit as long as the increase in emissions does not exceed the



significance threshold for a criteria pollutant or a HAP,

4. Replacement of equipment,
5. Replacement of control equipment,
6. Rerouting of equipment from one emission point to another, and
7. Constructing a new source

These changes are discussed in greater detail below.

1) Movement of equipment or emission point

If the movement of equipment or an emission point does not change the stack parameters in such a way as to increase impacts (i.e. larger diameter, lower stack, or cooler temperature) and does not bring the emission point closer to the property line, the change may proceed without notifying DEC. If the change results in the need to update a roof map with which DEC has been provided a copy, GE will issue an updated copy of the roof map when internal documents are updated. If stack parameters change or the emission point is moved closer to the property line, the methods in DAR-1 will be performed by GE comparing the present stack conditions and location to those proposed. If there is no decrease in air quality resulting in new applicable requirements or exceedance of existing applicable requirements, GE will inform DEC and proceed with the change. If there is a decrease in air quality below DAR-1 guideline concentrations, GE will submit the information to DEC for review with a request that the modification be allowed. If DEC has not responded to GE's request within 25 days of receipt of request, GE will consider that the change is approved and proceed to implement the change.

2) Movement of production from one piece of equipment to another

GE will review the emissions from the proposed change. If the review indicates that there is no increase in emissions from the emission unit, GE will document this review, implement the change, and notify DEC.

If the review reveals an emission increase, GE will determine if the proposed change will trigger any requirement that is not applicable to this emission unit in the current permit. If no new air requirements are



triggered, GE will review the proposed change to determine if any current monitoring or record keeping requirements in the permit must be altered. GE will also review the proposed change to determine whether the control requirements of 6 NYCRR Part 212 are met. If the change meets the control criteria in Part 212, GE will proceed with the change. If the change does not meet the control criteria in Part 212, GE will submit the information to DEC for review with a request that the change be allowed. If DEC has not responded to GE's request within 25 days of receipt of request, GE will consider that the change is approved and proceed to implement the change. If the change triggers new applicable requirements or alters monitoring or record keeping requirements, GE will submit an application for a permit modification.

An example of this type of change is the following. An emission unit is only subject to 6 NYCRR 212.10, VOC RACT because the uncontrolled potential VOC emissions are greater than 3 lb/hr. There is a control device in place with removal efficiency of 90%. The review reveals that the removal efficiency after controls will be 89% after the proposed change with a 2% increase in the hourly emissions of the contaminant of concern. No new requirements are triggered by the change as the emission unit is already subject to VOC RACT. The control device continues to meet the required efficiency or 81%; therefore, the monitoring and record keeping requirements are not altered.3) Introduction of a new material

If a change is proposed which will introduce a new chemical into an emission unit, but no new emissions will result, no action is required before implementing the change. If the change results in emissions from the emission unit that are not presently being emitted from this emission unit or are not on the permit, GE will review the proposed change to determine if the increase will trigger any air requirement that is not applicable to this emission unit in the current permit. If no new air requirements are triggered, GE will review to determine if any current monitoring or record keeping requirements in the current permit must be altered. If no monitoring or record keeping requirements must be altered, GE will review the change with respect to the control requirements of 6 NYCRR Part 212. If the change meets the control criteria in Part 212, GE will proceed with the change and notify DEC. If the change triggers new applicable requirements or alters monitoring or record keeping requirements, GE will submit an application for a permit modification.

4) Replacement of equipment where there is no increase in



emissions

Whenever equipment is replaced in kind, the change may proceed without any review by DEC or notification to DEC. If the equipment replacement is not a “replacement in kind”, GE will review the change. If no new applicable requirements are triggered and no new monitoring and record keeping requirements are necessary, then the change may proceed without DEC approval. DEC will be notified to keep equipment records current.

If the equipment replacement results in an increase in emissions, GE will review the proposed change to determine if the increase will trigger any requirement which is not applicable to this emission unit in the current permit. If no new requirements are triggered, GE will review the proposed change to determine if any current monitoring or record keeping requirements in the permit must be altered. If no monitoring or record keeping requirements must be altered, GE will proceed with the change and notify DEC if information included in the Title V permit application is altered. If the change triggers new applicable requirements or alters monitoring or record keeping requirements, GE will submit an application for a permit modification.

5) Replacement of control equipment where the control efficiency is either unchanged or improved

If replacement of control equipment causes the control efficiency to remain the same or increase, GE will review the proposed change to determine if the current monitoring or record keeping requirements in the permit must be altered. If the monitoring or record keeping requirements are not altered, GE will proceed with the change and notify DEC if information included in the Title V permit application is altered.

6) Rerouting of equipment from one emission point to another.

If a change is proposed which involves routing vents from a source permitted under one emission point to another, either in the same emission unit or another, GE will determine if any new requirements are triggered. If no new requirements are triggered, GE will review the proposed change with respect to 6 NYCRR Part 212. If the change meets the control criteria of Part 212, GE will proceed with the change and notify DEC if information included in the Title V permit application is altered.



7) Constructing a new source

New sources may be constructed under this protocol as long as no applicable air requirements apply to the proposed source. Examples of these sources are insignificant sources under 6 NYCRR 201-6.3(d)(7), VOC sources with VOC ERP's less than 3 lb/hr, and sources with "A"-rated contaminants with ERP's less than 1 lb/hr. DEC will be notified of the change.

If a contaminant not presently being emitted or new to the facility will be emitted from the proposed source, a DAR-1 analysis will be conducted to verify that uncontrolled emissions from the proposed source do not exceed guideline concentrations. GE will submit the information to DEC for review with a request that the construction be allowed. If DEC has not responded to GE's request within 14 days of receipt of request, GE will consider that the change is approved and proceed to implement the change.

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 1/30/2003.

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

Condition 7: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.5(f)

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:

OPERATIONAL FLEXIBILITY PLAN:
PLAN OBJECTIVE-THE OBJECTIVE OF THIS PLAN IS TO MAXIMIZE OPERATIONAL FLEXIBILITY BY BUILDING CAPABILITY INTO GE PLASTICS FACILITY TITLE V PERMIT FOR THE FACILITY TO MAKE ADMINISTRATIVE AND/OR MINOR CHANGES FOLLOWING A PREESTABLISHED PROTOCOL AS ALLOWED FOR IN 6 NYCRR 201-6.5(f).
THIS PLAN DOES NOT ADDRESS THOSE TYPES OF CHANGES THAT WOULD INVOKE 6 NYCRR 201-6.7(d) "SIGNIFICANT PERMIT MODIFICATION". RATHER, IT ADDRESSES



CHANGES THAT QUALIFY AS MINOR
MODIFICATIONS PURSUANT TO THE CRITERIA
SPECIFIED BY 6 NYCRR 201-6.7(c)(1)(I) and
(II).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

SUBJECT
MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
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 8: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 202-2.1

Item 8.1:

The Compliance Certification activity will be performed for the Facility.

Item 8.2:

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.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 9: Recordkeeping requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 202-2.5

Item 9.1:

(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.

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

Condition 10: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 10.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

NO PERSON WILL SELL, OFFER FOR SALE, PURCHASE OR USE ANY DISTILLATE OIL FUEL WHICH CONTAINS SULFUR IN A QUANTITY EXCEEDING THE FOLLOWING LIMITATION. A VENDOR'S SULFUR-IN-FUEL CERTIFICATE VALID FOR THAT INDIVIDUAL FUEL OIL DELIVERY TO THE FACILITY IS AN ACCEPTABLE RECORD. HOWEVER, THE DEPARTMENT MAY REQUIRE AT THE DEPARTMENTS DISCRETION, THAT AN GRAB SAMPLE BE TAKEN AND ANALYZED FOR SULFUR-IN-FUEL FROM ANY FUEL OIL DELIVERY AT THE FACILITY.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.



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

Condition 11: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-1.8

Item 11.1:

The Compliance Certification activity will be performed for the Facility.

Item 11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 231-2

Item 12.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY HAS DEMONSTRATED THAT THE AS-254 PROJECT NOX EMISSIONS INCREASE (39.2 TPY) WILL BE LESS THAN THE NSR SIGNIFICANT PROJECT THRESHOLD OF 40 TPY. FURTHERMORE, A SIGNIFICANT PORTION FACILITY WILL BE OPERATING WITHIN A MULTI-AREA, MULTI-SOURCE NOX EMISSIONS LIMIT OF 152.9 TPY (SEE THE AREA AND SOURCE LISTING BELOW). THIS LIMIT BECOMES EFFECTIVE WHEN THE MODIFICATIONS TO



AS-254 ARE COMPLETE AND THIS SOURCE IS OPERATING.

NOX EMISSIONS WILL BE CALCULATED USING AP-42 EMISSION FACTORS AND THE RECORDED OUTPUT DATA FROM CERTIFIED FUEL METERS* OF THE FOLLOWING SEVEN (7) NATURAL GAS COMBUSTORS; AP RX A SALT FURNACE (EP01248), AP RX C SALT FURNACE (EP01249), AP RX D SALT FURNACE (EP01250), AP RX E SALT FURNACE (EP01251), GEH HOT OIL FURNACE (EP03012), SFS THERMAL OXIDIZER (EP02593), SFS DINAMEC SAND BATH (EP02708). NOX EMISSIONS FOR AP HOT OIL FURNACE (EP00284) WILL BE MEASURED AND RECORDED USING A CERTIFIED NOX CEMS.

*ALL FUEL FLOW METERS WILL BE CERTIFIED IN ACCORDANCE WITH CFR PART 75 APPX D.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 13: Compliance with Federal regulations
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 236.2(c)

Item 13.1:

Components subject to Federal regulations which require either an equal or more stringent leak detection and repair program, or equal or more stringent equipment specifications, are deemed to be in compliance with the provisions of this Part contingent on the source owner or operator complying with such Federal regulations.

Condition 14: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 14.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 14.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THIS COMPLIANCE MONITORING IS FOR PURPOSES OF PSD.

1. ANNUAL SO₂ EMISSIONS FROM THE MULTI-AREA, MULTI-SOURCE SO_x EMISSIONS LIMIT OF 39.85 TPY (SEE THE AREA AND SOURCE LISTING BELOW). THIS LIMIT BECOMES EFFECTIVE WHEN THE MODIFICATIONS TO AS-254 ARE COMPLETE AND THIS SOURCE IS OPERATING.

SO_x EMISSIONS WILL BE CALCULATED USING THE SULFUR-IN-FUEL CONTENT AND THE RECORDED OUTPUT DATA FROM CERTIFIED FUEL METERS* OF THE FOLLOWING SIX (6) FUEL OIL COMBUSTORS; AP HOT OIL FURNACE (EP00284), AP RX A SALT FURNACE (EP01248), AP RX C SALT FURNACE (EP01249), AP RX D SALT FURNACE (EP01250), AP RX E SALT FURNACE (EP01251), GEH HOT OIL FURNACE (EP03012).

*ALL FUEL FLOW METERS WILL BE CERTIFIED IN ACCORDANCE WITH CFR PART 75 APPX D. EMISSION POINT SHALL BE LESS THAN 39.85 TPY.

2. COMPLIANCE WITH LIMIT (1) SHALL BE DEMONSTRATED BY MONITORING AND RECORDING THE AMOUNT OF FUEL OIL BURNED IN THE SIX AFFECTED EMISSION SOURCES. GE SHALL MAINTAIN A RUNNING ANNUAL TOTAL OF SO₂ EMISSIONS CALCULATED CONTINUOUSLY, USING TANK WAGON SULFUR CONTENT FOR FUEL OIL PER THE FOLLOWING SCHEME:

(A) STARTING WITH THE FIRST WAGON RECEIVED AFTER THIS CONDITION TAKES EFFECT, GE WILL LOAD THAT PERCENT SULFUR INTO THE DCS WHICH WOULD CALCULATE SO₂ EMISSIONS ACCORDING TO THE FOLLOWING FORMULA:

SO₂ EMISSIONS FROM FUEL OIL=(LBS OF FUEL OIL BURNED X (TANK WAGON % SULFUR) / 100 X 2 (LB SO₂/LB SULFUR). THAT SULFUR CONTENT WILL REMAIN IN THE COMPUTER UNTILL A SUBSEQUENT TANK WAGON IS DELIVERED WHICH IS HIGHER THAN THE PREVIOUS SULFUR ENTRY. AT THAT TIME THE HIGHER SULFUR CONTENT OF THE NEW TANK



WAGON WILL BE ENTERED INTO THE COMPUTER.

(B) IF GE WISHES, THEY MAY TEST THEIR TWO TANKS TO "RESET"THE SULFUR CONTENT.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 15: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 15.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY HAS DEMONSTRATED THAT THE AS-254 PROJECT SOX EMISSIONS INCREASE (38.8 TPY) WILL BE LESS THAN THE PSD SIGNIFICANT PROJECT THRESHOLD OF 40 TPY.

FURTHERMORE, A SIGNIFICANT PORTION FACILITY WILL BE OPERATING WITHIN A MULTI-AREA, MULTI-SOURCE SOX EMISSIONS LIMIT OF 39.85 TPY (SEE THE AREA AND SOURCE LISTING BELOW). THIS LIMIT BECOMES EFFECTIVE WHEN THE MODIFICATIONS TO AS-254 ARE COMPLETE AND THIS SOURCE IS OPERATING.

SOX EMISSIONS WILL BE CALCULATED USING THE SULFUR-IN-FUEL CONTENT AND THE RECORDED OUTPUT DATA FROM CERTIFIED FUEL METERS* OF THE FOLLOWING SIX (6) FUEL OIL COMBUSTORS; AP HOT OIL FURNACE (EP00284), AP RX A SALT FURNACE (EP01248), AP RX C SALT FURNACE (EP01249), AP RX D SALT FURNACE (EP01250), AP RX E SALT FURNACE (EP01251), GEH HOT OIL FURNACE (EP03012). SULFUR CONTENT OF NATURAL GAS WILL BE CALCULATED @ 0.6 LB/MMCF MULTIPLIED BY THE CERTIFIED* GAS FEED RATE FOR EACH



UNIT BURING NATURAL GAS INCLUDING BUT NOT LIMITED TO; SFS THERMAL OXIDIZER (EP02593), SFS DINAMEC SAND BATH (EP02708).

*ALL FUEL FLOW METERS WILL BE CERTIFIED IN ACCORDANCE WITH CFR PART 75 APPX D.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 16: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 16.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 16.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY HAS DEMONSTRATED THAT THE AS-254 PROJECT NOX EMISSIONS INCREASE (39.2 TPY) WILL BE LESS THAN THE PSD SIGNIFICANT PROJECT THRESHOLD OF 40 TPY. FURTHERMORE, A SIGNIFICANT PORTION FACILITY WILL BE OPERATING WITHIN A MULTI-AREA, MULTI-SOURCE NOX EMISSIONS LIMIT OF 152.9 TPY (SEE THE AREA AND SOURCE LISTING BELOW). THIS LIMIT BECOMES EFFECTIVE WHEN THE MODIFICATIONS TO AS-254 ARE COMPLETE AND THIS SOURCE IS OPERATING.

NOX EMISSIONS WILL BE CALCULATED USING AP-42 EMISSION FACTORS AND THE RECORDED OUTPUT DATA FROM CERTIFIED FUEL METERS* OF THE FOLLOWING SEVEN (7) NATURAL GAS COMBUSTORS; AP RX A SALT FURNACE (EP01248), AP RX C SALT FURNACE (EP01249), AP RX D SALT FURNACE (EP01250), AP RX E SALT FURNACE (EP01251), GEH HOT OIL FURNACE (EP03012),



SFS THERMAL OXIDIZER (EP02593), SFS
DINAMEC SAND BATH (EP02708). NOX
EMISSIONS FOR AP HOT OIL FURNACE (EP00284
) WILL BE MEASURED AND RECORDED USING A
CERTIFIED NOX CEMS.

*ALL FUEL FLOW METERS WILL BE CERTIFIED
IN ACCORDANCE WITH CFR PART 75 APPX D.

Manufacturer Name/Model Number: NA
Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

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

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

Condition 2-1: **Accidental release provisions.**
Effective between the dates of 04/22/2005 and Permit Expiration Date

Applicable Federal Requirement:40CFR 68

Replaces Condition(s) 17

Item 2-1.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,



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

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

Condition 18: Recycling and Emissions Reduction
Effective between the dates of 09/25/2002 and Permit Expiration Date
Applicable Federal Requirement:40CFR 82, Subpart F

Item 18.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

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

Condition 19: Emission Point Definition By Emission Unit
Effective between the dates of 09/25/2002 and Permit Expiration Date
Applicable Federal Requirement:6NYCRR 201-6

Item 19.1(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: A-PAREA

Emission Point: 01252
Height (ft.): 5 Diameter (in.): 2
NYTMN (km.): 4714.121 NYTME (km.): 593.831

Item 19.2(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: R-ESBLG

Emission Point: 01379
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4713.786 NYTME (km.): 594.394

Item 19.3(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:



Emission Unit: A-PAREA

Emission Point: 00282
 Height (ft.): 15 Diameter (in.): 4
 NYTMN (km.): 4714.113 NYTME (km.): 593.851

Emission Point: 00284
 Height (ft.): 160 Diameter (in.): 117
 NYTMN (km.): 4713.965 NYTME (km.): 593.886

Emission Point: 00294
 Height (ft.): 5 Diameter (in.): 2
 NYTMN (km.): 4714.012 NYTME (km.): 593.868

Emission Point: 00704
 Height (ft.): 25 Diameter (in.): 12
 NYTMN (km.): 4714.044 NYTME (km.): 593.815

Emission Point: 01212
 Height (ft.): 20 Diameter (in.): 3
 NYTMN (km.): 4714.002 NYTME (km.): 593.909

Emission Point: 01236
 Height (ft.): 15 Length (in.): 8 Width (in.): 6
 NYTMN (km.): 4713.924 NYTME (km.): 593.982 Building: AP CATALYS

Emission Point: 01239
 Height (ft.): 6 Diameter (in.): 3
 NYTMN (km.): 4713.939 NYTME (km.): 593.968 Building: AP CATALYS

Emission Point: 01240
 Height (ft.): 6 Diameter (in.): 6
 NYTMN (km.): 4713.935 NYTME (km.): 593.966 Building: AP CATALYS

Emission Point: 01241
 Height (ft.): 22 Diameter (in.): 2
 NYTMN (km.): 4713.922 NYTME (km.): 593.975 Building: AP CATALYS

Emission Point: 01247
 Height (ft.): 25 Diameter (in.): 6
 NYTMN (km.): 4714.048 NYTME (km.): 593.819

Emission Point: 01257
 Height (ft.): 60 Diameter (in.): 4
 NYTMN (km.): 4714.056 NYTME (km.): 593.85

Emission Point: 01258
 Height (ft.): 60 Diameter (in.): 4
 NYTMN (km.): 4714.003 NYTME (km.): 593.916

Emission Point: 01259
 Height (ft.): 60 Diameter (in.): 4



NYTMN (km.): 4713.987 NYTME (km.): 593.903

Emission Point: 01260
 Height (ft.): 60 Diameter (in.): 4
 NYTMN (km.): 4713.973 NYTME (km.): 593.946

Emission Point: 01266
 Height (ft.): 1 Diameter (in.): 6
 NYTMN (km.): 4713.997 NYTME (km.): 593.885

Emission Point: 01268
 Height (ft.): 29 Diameter (in.): 4
 NYTMN (km.): 4714.043 NYTME (km.): 593.878

Item 19.4(From Mod 0):

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

Emission Unit: C-XPRSS

Emission Point: 05000
 Height (ft.): 17 Length (in.): 9 Width (in.): 8
 NYTMN (km.): 4713.714 NYTME (km.): 594.4

Emission Point: 05004
 Height (ft.): 10 Length (in.): 23 Width (in.): 21

Emission Point: 05005
 Height (ft.): 10 Diameter (in.): 6

Item 19.5(From Mod 0):

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

Emission Unit: G-ELBLG

Emission Point: 04002
 Height (ft.): 30 Diameter (in.): 48
 NYTMN (km.): 4714.091 NYTME (km.): 594.36

Emission Point: 04003
 Height (ft.): 76 Diameter (in.): 7
 NYTMN (km.): 4714.125 NYTME (km.): 594.308 Building: GELOY

Emission Point: 04006
 Height (ft.): 58 Diameter (in.): 7
 NYTMN (km.): 4714.11 NYTME (km.): 594.254

Emission Point: 04008
 Height (ft.): 35 Diameter (in.): 21
 NYTMN (km.): 4714.129 NYTME (km.): 594.291 Building: GELOY

Emission Point: 04012
 Height (ft.): 81 Diameter (in.): 12
 NYTMN (km.): 4714.131 NYTME (km.): 594.323 Building: GELOY



Emission Point: 04013
 Height (ft.): 76 Diameter (in.): 8
 NYTMN (km.): 4714.127 NYTME (km.): 594.312 Building: GELOY

Emission Point: 04014
 Height (ft.): 78 Diameter (in.): 8
 NYTMN (km.): 4714.128 NYTME (km.): 594.323 Building: GELOY

Emission Point: 04015
 Height (ft.): 76 Diameter (in.): 6
 NYTMN (km.): 4714.136 NYTME (km.): 594.318 Building: GELOY

Emission Point: 04016
 Height (ft.): 7 Diameter (in.): 3
 NYTMN (km.): 4714.127 NYTME (km.): 594.325 Building: GELOY

Emission Point: 04017
 Height (ft.): 3 Diameter (in.): 24
 Building: GELOY

Item 19.6(From Mod 0):

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

Emission Unit: H-IPSBG

Emission Point: 03000
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.285 NYTME (km.): 594.007

Emission Point: 03001
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.283 NYTME (km.): 594.005

Emission Point: 03002
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.263 NYTME (km.): 593.985

Emission Point: 03003
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.261 NYTME (km.): 593.984

Emission Point: 03004
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.247 NYTME (km.): 593.971

Emission Point: 03005
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.245 NYTME (km.): 593.969

Emission Point: 03008
 Height (ft.): 4 Diameter (in.): 2
 NYTMN (km.): 4714.277 NYTME (km.): 593.999



Emission Point: 03009
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.262 NYTME (km.): 594.047

Emission Point: 03010
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.261 NYTME (km.): 594.048

Emission Point: 03011
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.212 NYTME (km.): 594.092

Emission Point: 03012
Height (ft.): 30 Diameter (in.): 35
NYTMN (km.): 4714.19 NYTME (km.): 594.117

Emission Point: 03013
Height (ft.): 20 Diameter (in.): 36
NYTMN (km.): 4714.189 NYTME (km.): 594.108

Emission Point: 03014
Height (ft.): 20 Diameter (in.): 36
NYTMN (km.): 4714.202 NYTME (km.): 594.059

Emission Point: 03022
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.188 NYTME (km.): 593.975

Emission Point: 03023
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.186 NYTME (km.): 593.96

Emission Point: 03032
Height (ft.): 8 Diameter (in.): 2
NYTMN (km.): 4714.262 NYTME (km.): 594.004

Emission Point: 03033
Height (ft.): 8 Diameter (in.): 2
NYTMN (km.): 4714.263 NYTME (km.): 594.005

Emission Point: 03041
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.208 NYTME (km.): 594.118

Emission Point: 03045
Height (ft.): 4 Diameter (in.): 5
NYTMN (km.): 4714.264 NYTME (km.): 594.027

Item 19.7(From Mod 0):

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

Emission Unit: R-ENGEN



Emission Point: 0911A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0911B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0912A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0912B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0913A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0913B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0914A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0914B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0915A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0915B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0916A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0916B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0917A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0917B Height (ft.): 14	Diameter (in.): 8
Emission Point: 0918A Height (ft.): 14	Diameter (in.): 8
Emission Point: 0918B Height (ft.): 14	Diameter (in.): 8

Item 19.8(From Mod 0):

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

Emission Unit: R-ESBLG



Emission Point: 00306	Height (ft.): 20	Diameter (in.): 3	
	NYTMN (km.): 4714.345	NYTME (km.): 593.892	
Emission Point: 00310	Height (ft.): 14	Diameter (in.): 2	
	NYTMN (km.): 4714.362	NYTME (km.): 593.897	
Emission Point: 00312	Height (ft.): 32	Diameter (in.): 6	
	NYTMN (km.): 4714.224	NYTME (km.): 593.733	Building: RESIN REAC
Emission Point: 00313	Height (ft.): 47	Diameter (in.): 6	
	NYTMN (km.): 4714.391	NYTME (km.): 593.893	Building: RESIN REAC
Emission Point: 00314	Height (ft.): 47	Diameter (in.): 6	
	NYTMN (km.): 4714.395	NYTME (km.): 593.891	Building: RESIN REAC
Emission Point: 00337	Height (ft.): 34	Diameter (in.): 6	
	NYTMN (km.): 4714.224	NYTME (km.): 593.733	Building: RESIN
Emission Point: 00341	Height (ft.): 40	Diameter (in.): 12	
	NYTMN (km.): 4714.404	NYTME (km.): 593.887	Building: RESIN
Emission Point: 00343	Height (ft.): 55	Diameter (in.): 6	
	NYTMN (km.): 4714.43	NYTME (km.): 593.887	Building: RESIN REAC
Emission Point: 00344	Height (ft.): 55	Diameter (in.): 6	
	NYTMN (km.): 4714.436	NYTME (km.): 593.88	Building: RESIN REAC
Emission Point: 00367	Height (ft.): 70	Length (in.): 10	Width (in.): 4
	NYTMN (km.): 4714.36	NYTME (km.): 593.85	Building: RESIN
Emission Point: 00368	Height (ft.): 70	Diameter (in.): 4	
	NYTMN (km.): 4714.363	NYTME (km.): 593.849	Building: RESIN
Emission Point: 00369	Height (ft.): 70	Diameter (in.): 4	
	NYTMN (km.): 4714.368	NYTME (km.): 593.843	Building: RESIN
Emission Point: 00370	Height (ft.): 70	Diameter (in.): 8	
	NYTMN (km.): 4714.371	NYTME (km.): 593.839	Building: RESIN



Emission Point: 00381
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.362 NYTME (km.): 593.873

Emission Point: 00401
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4714.327 NYTME (km.): 594.028

Emission Point: 00403
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4714.331 NYTME (km.): 593.97

Emission Point: 00417
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4714.298 NYTME (km.): 594.061

Emission Point: 00419
Height (ft.): 13 Diameter (in.): 4
NYTMN (km.): 4714.315 NYTME (km.): 593.947

Emission Point: 00420
Height (ft.): 9 Diameter (in.): 4
NYTMN (km.): 4714.338 NYTME (km.): 594.092

Emission Point: 00421
Height (ft.): 7 Diameter (in.): 4
NYTMN (km.): 4714.329 NYTME (km.): 594.103

Emission Point: 00429
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4714.301 NYTME (km.): 594.092

Emission Point: 00437
Height (ft.): 5 Diameter (in.): 3
NYTMN (km.): 4714.343 NYTME (km.): 593.972

Emission Point: 00446
Height (ft.): 13 Diameter (in.): 3
NYTMN (km.): 4714.327 NYTME (km.): 593.953

Emission Point: 00447
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4714.331 NYTME (km.): 593.88

Emission Point: 00448
Height (ft.): 6 Diameter (in.): 4
NYTMN (km.): 4714.333 NYTME (km.): 593.997

Emission Point: 00449
Height (ft.): 8 Diameter (in.): 4
NYTMN (km.): 4714.311 NYTME (km.): 593.978

Emission Point: 00459



Height (ft.): 25	Diameter (in.): 6	
Emission Point: 01305		
Height (ft.): 20	Diameter (in.): 12	
NYTMN (km.): 4714.316	NYTME (km.): 593.891	
Emission Point: 01354		
Height (ft.): 62	Diameter (in.): 6	
NYTMN (km.): 4714.382	NYTME (km.): 593.881	
Emission Point: 01355		
Height (ft.): 32	Diameter (in.): 6	
NYTMN (km.): 4714.387	NYTME (km.): 593.905	Building: RESIN REAC
Emission Point: 01356		
Height (ft.): 47	Diameter (in.): 6	
NYTMN (km.): 4714.391	NYTME (km.): 593.9	Building: RESIN REAC
Emission Point: 01357		
Height (ft.): 47	Diameter (in.): 6	
NYTMN (km.): 4714.399	NYTME (km.): 593.892	Building: RESIN REAC
Emission Point: 01358		
Height (ft.): 55	Diameter (in.): 6	
NYTMN (km.): 4714.432	NYTME (km.): 593.89	Building: RESIN REAC
Emission Point: 01359		
Height (ft.): 55	Diameter (in.): 6	
NYTMN (km.): 4714.439	NYTME (km.): 593.882	Building: RESIN REAC
Emission Point: 01365		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.378	NYTME (km.): 593.845	Building: RESIN
Emission Point: 01366		
Height (ft.): 65	Diameter (in.): 8	
NYTMN (km.): 4714.426	NYTME (km.): 593.896	Building: RESIN REAC
Emission Point: 01368		
Height (ft.): 15	Diameter (in.): 4	
NYTMN (km.): 4714.291	NYTME (km.): 594.092	
Emission Point: 01369		
Height (ft.): 15	Diameter (in.): 4	
NYTMN (km.): 4714.296	NYTME (km.): 594.096	
Emission Point: 01370		
Height (ft.): 10	Length (in.): 16	Width (in.): 6
NYTMN (km.): 4714.34	NYTME (km.): 593.857	
Emission Point: 01378		
Height (ft.): 20	Length (in.): 13	Width (in.): 8
NYTMN (km.): 4714.353	NYTME (km.): 593.843	

**Item 19.9(From Mod 0):**

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

Emission Unit: S-FSBLG

Emission Point: 00511

Height (ft.): 55 Diameter (in.): 7
 NYTMN (km.): 4714.292 NYTME (km.): 593.829

Emission Point: 00519

Height (ft.): 55 Diameter (in.): 7
 NYTMN (km.): 4714.299 NYTME (km.): 593.823 Building: SFS

Emission Point: 00520

Height (ft.): 60 Diameter (in.): 8
 NYTMN (km.): 4714.297 NYTME (km.): 593.831 Building: SFS

Emission Point: 00526

Height (ft.): 55 Diameter (in.): 7
 NYTMN (km.): 4714.301 NYTME (km.): 593.818 Building: SFS

Emission Point: 00531

Height (ft.): 55 Diameter (in.): 7
 NYTMN (km.): 4714.308 NYTME (km.): 593.808 Building: SFS

Emission Point: 00534

Height (ft.): 70 Diameter (in.): 8
 NYTMN (km.): 4714.308 NYTME (km.): 593.818 Building: SFS

Emission Point: 00539

Height (ft.): 60 Diameter (in.): 7
 NYTMN (km.): 4714.313 NYTME (km.): 593.809 Building: SFS

Emission Point: 00540

Height (ft.): 40 Diameter (in.): 10
 NYTMN (km.): 4714.289 NYTME (km.): 593.807 Building: SFS

Emission Point: 00541

Height (ft.): 40 Diameter (in.): 10
 NYTMN (km.): 4714.286 NYTME (km.): 593.811 Building: SFS

Emission Point: 00542

Height (ft.): 40 Diameter (in.): 10
 NYTMN (km.): 4714.288 NYTME (km.): 593.807 Building: SFS

Emission Point: 00543

Height (ft.): 40 Diameter (in.): 10
 NYTMN (km.): 4714.291 NYTME (km.): 593.805 Building: SFS

Emission Point: 00544

Height (ft.): 40 Diameter (in.): 10
 NYTMN (km.): 4714.294 NYTME (km.): 593.802 Building: SFS



Emission Point: 00546	Height (ft.): 82	Diameter (in.): 16	
	NYTMN (km.): 4714.319	NYTME (km.): 593.808	Building: SFS
Emission Point: 00553	Height (ft.): 82	Diameter (in.): 7	
	NYTMN (km.): 4714.317	NYTME (km.): 593.804	Building: SFS
Emission Point: 00555	Height (ft.): 65	Diameter (in.): 24	
	NYTMN (km.): 4714.317	NYTME (km.): 593.799	Building: SFS
Emission Point: 00556	Height (ft.): 67	Diameter (in.): 6	
	NYTMN (km.): 4714.311	NYTME (km.): 593.803	Building: SFS
Emission Point: 00560	Height (ft.): 83	Diameter (in.): 18	
	NYTMN (km.): 4714.318	NYTME (km.): 593.792	Building: SFS
Emission Point: 00561	Height (ft.): 65	Diameter (in.): 6	
	NYTMN (km.): 4714.333	NYTME (km.): 593.782	Building: SFS
Emission Point: 00568	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.302	NYTME (km.): 593.797	Building: SFS
Emission Point: 00569	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.304	NYTME (km.): 593.799	Building: SFS
Emission Point: 00570	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.302	NYTME (km.): 593.793	Building: SFS
Emission Point: 00571	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.303	NYTME (km.): 593.792	Building: SFS
Emission Point: 00572	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.307	NYTME (km.): 593.788	Building: SFS
Emission Point: 00575	Height (ft.): 65	Diameter (in.): 8	
	NYTMN (km.): 4714.313	NYTME (km.): 593.784	Building: SFS
Emission Point: 00576	Height (ft.): 62	Diameter (in.): 4	
	NYTMN (km.): 4714.316	NYTME (km.): 593.781	Building: SFS



Emission Point: 00577
Height (ft.): 62 Diameter (in.): 4
NYTMN (km.): 4714.321 NYTME (km.): 593.775 Building: SFS

Emission Point: 00578
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.311 NYTME (km.): 593.783 Building: SFS

Emission Point: 00579
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.313 NYTME (km.): 593.781 Building: SFS

Emission Point: 00580
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.2 NYTME (km.): 593.78 Building: SFS

Emission Point: 00581
Height (ft.): 77 Diameter (in.): 11
NYTMN (km.): 4714.319 NYTME (km.): 593.799 Building: SFS

Emission Point: 00582
Height (ft.): 77 Diameter (in.): 8
NYTMN (km.): 4714.322 NYTME (km.): 593.795 Building: SFS

Emission Point: 00583
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.326 NYTME (km.): 593.792 Building: SFS

Emission Point: 00597
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4714.236 NYTME (km.): 593.832

Emission Point: 00603
Height (ft.): 10 Diameter (in.): 7
NYTMN (km.): 4714.196 NYTME (km.): 593.778

Emission Point: 00604
Height (ft.): 7 Diameter (in.): 7
NYTMN (km.): 4714.328 NYTME (km.): 593.692

Emission Point: 00606
Height (ft.): 10 Diameter (in.): 9
NYTMN (km.): 4714.212 NYTME (km.): 593.769

Emission Point: 00610
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4714.23 NYTME (km.): 593.752

Emission Point: 01500
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.337 NYTME (km.): 593.776 Building: SFS

Emission Point: 01501



Height (ft.): 72	Diameter (in.): 8	
NYTMN (km.): 4714.341	NYTME (km.): 593.771	Building: SFS
Emission Point: 01502		
Height (ft.): 72	Diameter (in.): 8	
NYTMN (km.): 4714.345	NYTME (km.): 593.768	Building: SFS
Emission Point: 01503		
Height (ft.): 72	Diameter (in.): 8	
NYTMN (km.): 4714.349	NYTME (km.): 593.76	Building: SFS
Emission Point: 01504		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.356	NYTME (km.): 593.762	Building: SFS
Emission Point: 01505		
Height (ft.): 92	Diameter (in.): 12	
NYTMN (km.): 4714.339	NYTME (km.): 593.777	Building: SFS
Emission Point: 01506		
Height (ft.): 72	Diameter (in.): 12	
NYTMN (km.): 4714.343	NYTME (km.): 593.773	Building: SFS
Emission Point: 01507		
Height (ft.): 72	Diameter (in.): 12	
NYTMN (km.): 4714.348	NYTME (km.): 593.771	Building: SFS
Emission Point: 01508		
Height (ft.): 72	Diameter (in.): 12	
NYTMN (km.): 4714.349	NYTME (km.): 593.762	Building: SFS
Emission Point: 01509		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.357	NYTME (km.): 593.761	Building: SFS
Emission Point: 01511		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.356	NYTME (km.): 593.761	Building: SFS
Emission Point: 01517		
Height (ft.): 82	Diameter (in.): 8	
NYTMN (km.): 4714.344	NYTME (km.): 593.775	Building: SFS
Emission Point: 01518		
Height (ft.): 82	Diameter (in.): 8	
NYTMN (km.): 4714.351	NYTME (km.): 593.767	Building: SFS
Emission Point: 01519		
Height (ft.): 82	Diameter (in.): 12	
NYTMN (km.): 4714.354	NYTME (km.): 593.758	Building: SFS
Emission Point: 01520		
Height (ft.): 72	Diameter (in.): 8	



	NYTMN (km.): 4714.3	NYTME (km.): 593.828	Building: SFS
Emission Point: 01521			
Height (ft.): 77		Diameter (in.): 4	
	NYTMN (km.): 4714.323	NYTME (km.): 593.799	Building: SFS
Emission Point: 01522			
Height (ft.): 77		Diameter (in.): 4	
	NYTMN (km.): 4714.326	NYTME (km.): 593.794	Building: SFS
Emission Point: 01525			
Height (ft.): 77		Diameter (in.): 5	
	NYTMN (km.): 4714.331	NYTME (km.): 593.795	Building: SFS
Emission Point: 01527			
Height (ft.): 24		Diameter (in.): 4	
	NYTMN (km.): 4714.264	NYTME (km.): 593.767	Building: SFS
Emission Point: 01528			
Height (ft.): 80		Diameter (in.): 8	
	NYTMN (km.): 4714.344	NYTME (km.): 593.786	Building: SFS
Emission Point: 01530			
Height (ft.): 82		Diameter (in.): 10	
	NYTMN (km.): 4714.33	NYTME (km.): 593.79	Building: SFS
Emission Point: 01531			
Height (ft.): 63		Diameter (in.): 6	
	NYTMN (km.): 4714.32	NYTME (km.): 593.801	Building: SFS
Emission Point: 01532			
Height (ft.): 65		Diameter (in.): 6	
	NYTMN (km.): 4714.32	NYTME (km.): 593.798	Building: SFS
Emission Point: 01533			
Height (ft.): 65		Diameter (in.): 6	
	NYTMN (km.): 4714.318	NYTME (km.): 593.8	Building: SFS
Emission Point: 01534			
Height (ft.): 15		Diameter (in.): 10	
	NYTMN (km.): 4714.306	NYTME (km.): 593.821	Building: SFS
Emission Point: 01535			
Height (ft.): 77		Diameter (in.): 8	
	NYTMN (km.): 4714.355	NYTME (km.): 593.764	Building: SFS
Emission Point: 01537			
Height (ft.): 60		Diameter (in.): 8	
	NYTMN (km.): 4714.299	NYTME (km.): 593.802	Building: SFS
Emission Point: 01543			
Height (ft.): 50		Diameter (in.): 10	
	NYTMN (km.): 4714.335	NYTME (km.): 593.755	Building: SFS



Emission Point: 01544			
Height (ft.): 50	Diameter (in.): 10		
NYTMN (km.): 4714.336	NYTME (km.): 593.754	Building: SFS	
Emission Point: 01548			
Height (ft.): 64	Diameter (in.): 4		
NYTMN (km.): 4714.345	NYTME (km.): 593.752	Building: SFS	
Emission Point: 01549			
Height (ft.): 65	Diameter (in.): 4		
NYTMN (km.): 4714.342	NYTME (km.): 593.749	Building: SFS	
Emission Point: 01550			
Height (ft.): 49	Diameter (in.): 6		
NYTMN (km.): 4714.311	NYTME (km.): 593.806	Building: SFS	
Emission Point: 01551			
Height (ft.): 49	Diameter (in.): 6		
NYTMN (km.): 4714.312	NYTME (km.): 593.807	Building: SFS	
Emission Point: 01552			
Height (ft.): 51	Diameter (in.): 6		
NYTMN (km.): 4714.307	NYTME (km.): 593.811	Building: SFS	
Emission Point: 01553			
Height (ft.): 22	Diameter (in.): 4		
NYTMN (km.): 4714.266	NYTME (km.): 593.766	Building: SFS	
Emission Point: 01554			
Height (ft.): 72	Diameter (in.): 6		
NYTMN (km.): 4714.32	NYTME (km.): 593.785	Building: SFS	
Emission Point: 01555			
Height (ft.): 39	Diameter (in.): 10		
NYTMN (km.): 4714.321	NYTME (km.): 593.756	Building: SFS	
Emission Point: 01571			
Height (ft.): 20	Diameter (in.): 3		
NYTMN (km.): 4714.276	NYTME (km.): 593.874		
Emission Point: 01572			
Height (ft.): 25	Diameter (in.): 4		
NYTMN (km.): 4714.272	NYTME (km.): 593.869		
Emission Point: 01583			
Height (ft.): 54	Diameter (in.): 6		
NYTMN (km.): 4714.289	NYTME (km.): 593.842	Building: SFS	
Emission Point: 01584			
Height (ft.): 55	Diameter (in.): 24		
NYTMN (km.): 4714.292	NYTME (km.): 593.838	Building: SFS	



Emission Point: 01586			
Height (ft.): 72	Diameter (in.): 8		
NYTMN (km.): 4714.326	NYTME (km.): 593.776	Building: SFS	
Emission Point: 01587			
Height (ft.): 72	Diameter (in.): 8		
NYTMN (km.): 4714.323	NYTME (km.): 593.778	Building: SFS	
Emission Point: 01588			
Height (ft.): 57	Diameter (in.): 6		
NYTMN (km.): 4714.325	NYTME (km.): 593.783	Building: SFS	
Emission Point: 01591			
Height (ft.): 72	Diameter (in.): 11		
NYTMN (km.): 4714.354	NYTME (km.): 593.749	Building: SFS	
Emission Point: 01592			
Height (ft.): 75	Length (in.): 24	Width (in.): 36	
NYTMN (km.): 4714.342	NYTME (km.): 593.754	Building: SFS	
Emission Point: 01593			
Height (ft.): 6	Diameter (in.): 6		
NYTMN (km.): 4714.267	NYTME (km.): 593.763	Building: SFS	
Emission Point: 01594			
Height (ft.): 6	Diameter (in.): 6		
NYTMN (km.): 4714.264	NYTME (km.): 593.761	Building: SFS	
Emission Point: 01595			
Height (ft.): 75	Diameter (in.): 8		
NYTMN (km.): 4714.307	NYTME (km.): 593.814	Building: SFS	
Emission Point: 01596			
Height (ft.): 70	Diameter (in.): 8		
NYTMN (km.): 4714.31	NYTME (km.): 593.812	Building: SFS	
Emission Point: 01597			
Height (ft.): 39	Diameter (in.): 10		
NYTMN (km.): 4714.311	NYTME (km.): 593.766	Building: SFS	
Emission Point: 01598			
Height (ft.): 87	Diameter (in.): 0		
NYTMN (km.): 4714.318	NYTME (km.): 593.804	Building: SFS	
Emission Point: 01599			
Height (ft.): 77	Diameter (in.): 5		
NYTMN (km.): 4714.328	NYTME (km.): 593.794	Building: SFS	
Emission Point: 02500			
Height (ft.): 63	Diameter (in.): 4		
NYTMN (km.): 4714.34	NYTME (km.): 593.752	Building: SFS	
Emission Point: 02512			



Height (ft.): 50	Diameter (in.): 10	
NYTMN (km.): 4714.338	NYTME (km.): 593.751	Building: SFS
Emission Point: 02513		
Height (ft.): 50	Diameter (in.): 10	
NYTMN (km.): 4714.341	NYTME (km.): 593.749	Building: SFS
Emission Point: 02514		
Height (ft.): 50	Diameter (in.): 10	
NYTMN (km.): 4714.342	NYTME (km.): 593.747	Building: SFS
Emission Point: 02517		
Height (ft.): 52	Diameter (in.): 10	
NYTMN (km.): 4714.316	NYTME (km.): 593.777	Building: SFS
Emission Point: 02521		
Height (ft.): 17	Diameter (in.): 8	
NYTMN (km.): 4714.269	NYTME (km.): 593.762	Building: SFS
Emission Point: 02523		
Height (ft.): 63	Diameter (in.): 6	
NYTMN (km.): 4714.344	NYTME (km.): 593.748	Building: SFS
Emission Point: 02526		
Height (ft.): 68	Diameter (in.): 12	
NYTMN (km.): 4714.35	NYTME (km.): 593.764	Building: SFS
Emission Point: 02527		
Height (ft.): 68	Diameter (in.): 12	
NYTMN (km.): 4714.351	NYTME (km.): 593.769	Building: SFS
Emission Point: 02532		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.347	NYTME (km.): 593.768	Building: SFS
Emission Point: 02533		
Height (ft.): 50	Diameter (in.): 14	
NYTMN (km.): 4714.294	NYTME (km.): 593.831	Building: SFS
Emission Point: 02535		
Height (ft.): 72	Diameter (in.): 10	
NYTMN (km.): 4714.352	NYTME (km.): 593.762	Building: SFS
Emission Point: 02537		
Height (ft.): 65	Diameter (in.): 10	
NYTMN (km.): 4714.353	NYTME (km.): 593.761	Building: SFS
Emission Point: 02538		
Height (ft.): 65	Diameter (in.): 10	
NYTMN (km.): 4714.359	NYTME (km.): 593.757	Building: SFS
Emission Point: 02540		
Height (ft.): 53	Diameter (in.): 10	



	NYTMN (km.): 4714.296	NYTME (km.): 593.826	Building: SFS
Emission Point: 02541			
Height (ft.): 72		Diameter (in.): 10	
	NYTMN (km.): 4714.359	NYTME (km.): 593.755	Building: SFS
Emission Point: 02542			
Height (ft.): 72		Diameter (in.): 10	
	NYTMN (km.): 4714.358	NYTME (km.): 593.756	Building: SFS
Emission Point: 02543			
Height (ft.): 70		Diameter (in.): 10	
	NYTMN (km.): 4714.357	NYTME (km.): 593.754	Building: SFS
Emission Point: 02544			
Height (ft.): 70		Diameter (in.): 16	
	NYTMN (km.): 4714.354	NYTME (km.): 593.755	Building: SFS
Emission Point: 02545			
Height (ft.): 10		Diameter (in.): 10	
	NYTMN (km.): 4714.263	NYTME (km.): 593.758	
Emission Point: 02546			
Height (ft.): 50		Diameter (in.): 10	
	NYTMN (km.): 4714.344	NYTME (km.): 593.742	Building: SFS
Emission Point: 02547			
Height (ft.): 30		Diameter (in.): 10	
	NYTMN (km.): 4714.28	NYTME (km.): 593.819	Building: SFS
Emission Point: 02550			
Height (ft.): 82		Diameter (in.): 4	
	NYTMN (km.): 4714.312	NYTME (km.): 593.798	Building: SFS
Emission Point: 02551			
Height (ft.): 87		Diameter (in.): 6	
	NYTMN (km.): 4714.314	NYTME (km.): 593.796	Building: SFS
Emission Point: 02552			
Height (ft.): 87		Diameter (in.): 6	
	NYTMN (km.): 4714.316	NYTME (km.): 593.794	Building: SFS
Emission Point: 02581			
Height (ft.): 18		Diameter (in.): 42	
	NYTMN (km.): 4714.234	NYTME (km.): 593.877	Building: SFS
Emission Point: 02582			
Height (ft.): 18		Diameter (in.): 42	
	NYTMN (km.): 4714.237	NYTME (km.): 593.881	
Emission Point: 02583			
Height (ft.): 18		Diameter (in.): 42	
	NYTMN (km.): 4714.242	NYTME (km.): 593.884	



Emission Point: 02584	Height (ft.): 18	Diameter (in.): 42	
	NYTMN (km.): 4714.246	NYTME (km.): 593.888	
Emission Point: 02585	Height (ft.): 18	Diameter (in.): 42	
	NYTMN (km.): 4714.25	NYTME (km.): 593.891	
Emission Point: 02586	Height (ft.): 18	Diameter (in.): 42	
	NYTMN (km.): 4714.254	NYTME (km.): 593.895	
Emission Point: 02587	Height (ft.): 62	Diameter (in.): 6	
	NYTMN (km.): 4714.292	NYTME (km.): 593.834	Building: SFS
Emission Point: 02588	Height (ft.): 62	Diameter (in.): 10	
	NYTMN (km.): 4714.288	NYTME (km.): 593.831	Building: SFS
Emission Point: 02589	Height (ft.): 38	Diameter (in.): 10	
	NYTMN (km.): 4714.298	NYTME (km.): 593.836	Building: SFS
Emission Point: 02590	Height (ft.): 44	Diameter (in.): 10	
	NYTMN (km.): 4714.295	NYTME (km.): 593.84	Building: SFS
Emission Point: 02591	Height (ft.): 45	Diameter (in.): 10	
	NYTMN (km.): 4714.284	NYTME (km.): 593.813	Building: SFS
Emission Point: 02592	Height (ft.): 72	Diameter (in.): 12	
	NYTMN (km.): 4714.224	NYTME (km.): 593.733	Building: SFS
Emission Point: 02593	Height (ft.): 36	Diameter (in.): 18	
	NYTMN (km.): 4714.204	NYTME (km.): 593.844	
Emission Point: 02596	Height (ft.): 36	Diameter (in.): 4	
	NYTMN (km.): 4714.309	NYTME (km.): 593.737	Building: SFS
Emission Point: 02600	Height (ft.): 15	Diameter (in.): 12	
	NYTMN (km.): 4714.351	NYTME (km.): 593.664	
Emission Point: 02601	Height (ft.): 15	Diameter (in.): 12	
	NYTMN (km.): 4714.348	NYTME (km.): 593.669	



Emission Point: 02602			
Height (ft.): 78	Diameter (in.): 12		
NYTMN (km.): 4714.379	NYTME (km.): 593.673	Building: SFS	
Emission Point: 02603			
Height (ft.): 70	Diameter (in.): 6		
NYTMN (km.): 4714.346	NYTME (km.): 593.699	Building: SFS	
Emission Point: 02604			
Height (ft.): 78	Diameter (in.): 18		
NYTMN (km.): 4714.376	NYTME (km.): 593.678	Building: SFS	
Emission Point: 02605			
Height (ft.): 70	Diameter (in.): 8		
NYTMN (km.): 4714.361	NYTME (km.): 593.688	Building: SFS	
Emission Point: 02607			
Height (ft.): 58	Diameter (in.): 3		
NYTMN (km.): 4714.341	NYTME (km.): 593.703	Building: SFS	
Emission Point: 02608			
Height (ft.): 58	Diameter (in.): 3		
NYTMN (km.): 4714.348	NYTME (km.): 593.695	Building: SFS	
Emission Point: 02609			
Height (ft.): 58	Diameter (in.): 3		
NYTMN (km.): 4714.383	NYTME (km.): 593.668	Building: SFS	
Emission Point: 02611			
Height (ft.): 58	Diameter (in.): 10		
NYTMN (km.): 4714.343	NYTME (km.): 593.7	Building: SFS	
Emission Point: 02613			
Height (ft.): 30	Diameter (in.): 3		
NYTMN (km.): 4714.354	NYTME (km.): 593.683	Building: SFS	
Emission Point: 02614			
Height (ft.): 30	Diameter (in.): 3		
NYTMN (km.): 4714.369	NYTME (km.): 593.674	Building: SFS	
Emission Point: 02615			
Height (ft.): 30	Diameter (in.): 3		
NYTMN (km.): 4714.351	NYTME (km.): 593.687	Building: SFS	
Emission Point: 02616			
Height (ft.): 58	Diameter (in.): 8		
NYTMN (km.): 4714.358	NYTME (km.): 593.686	Building: SFS	
Emission Point: 02617			
Height (ft.): 16	Length (in.): 23	Width (in.): 19	
NYTMN (km.): 4714.347	NYTME (km.): 593.66		
Emission Point: 02618			



Height (ft.): 58	Diameter (in.): 3	
NYTMN (km.): 4714.371	NYTME (km.): 593.673	Building: SFS
Emission Point: 02619		
Height (ft.): 7	Diameter (in.): 2	
		Building: SFS
Emission Point: 02702		
Height (ft.): 75	Diameter (in.): 7	
NYTMN (km.): 4714.351	NYTME (km.): 593.759	Building: SFS
Emission Point: 02703		
Height (ft.): 40	Diameter (in.): 7	
NYTMN (km.): 4714.361	NYTME (km.): 593.767	Building: SFS
Emission Point: 02704		
Height (ft.): 66	Diameter (in.): 6	
NYTMN (km.): 4714.313	NYTME (km.): 593.789	Building: SFS
Emission Point: 02705		
Height (ft.): 66	Diameter (in.): 6	
NYTMN (km.): 4714.339	NYTME (km.): 593.753	Building: SFS
Emission Point: 02706		
Height (ft.): 35	Diameter (in.): 6	
NYTMN (km.): 4714.3	NYTME (km.): 593.776	Building: SFS
Emission Point: 02707		
Height (ft.): 35	Diameter (in.): 6	
NYTMN (km.): 4714.326	NYTME (km.): 593.746	Building: SFS
Emission Point: 02709		
Height (ft.): 77	Diameter (in.): 10	
NYTMN (km.): 4714.323	NYTME (km.): 593.79	Building: SFS
Emission Point: 02710		
Height (ft.): 30	Diameter (in.): 3	
NYTMN (km.): 4714.281	NYTME (km.): 593.873	
Emission Point: 02711		
Height (ft.): 36	Diameter (in.): 6	
NYTMN (km.): 4714.316	NYTME (km.): 593.741	Building: SFS
Emission Point: 02712		
Height (ft.): 40	Diameter (in.): 10	
NYTMN (km.): 4714.296	NYTME (km.): 593.838	Building: SFS
Emission Point: 02713		
Height (ft.): 50	Diameter (in.): 10	
NYTMN (km.): 4714.34	NYTME (km.): 593.75	Building: SFS
Emission Point: 02714		
Height (ft.): 38	Diameter (in.): 12	



	NYTMN (km.): 4714.302	NYTME (km.): 593.832	Building: SFS
Emission Point:	02715		
	Height (ft.): 38	Diameter (in.): 12	
	NYTMN (km.): 4714.309	NYTME (km.): 593.824	Building: SFS
Emission Point:	02716		
	Height (ft.): 30	Diameter (in.): 12	
	NYTMN (km.): 4714.361	NYTME (km.): 593.764	Building: SFS
Emission Point:	02717		
	Height (ft.): 40	Diameter (in.): 12	
	NYTMN (km.): 4714.363	NYTME (km.): 593.761	Building: SFS
Emission Point:	02718		
	Height (ft.): 53	Diameter (in.): 8	
	NYTMN (km.): 4714.302	NYTME (km.): 593.821	Building: SFS
Emission Point:	02719		
	Height (ft.): 50	Diameter (in.): 10	
	NYTMN (km.): 4714.338	NYTME (km.): 593.752	Building: SFS
Emission Point:	02720		
	Height (ft.): 70	Diameter (in.): 10	
	NYTMN (km.): 4714.304	NYTME (km.): 593.816	Building: SFS
Emission Point:	02721		
	Height (ft.): 77	Diameter (in.): 12	
	NYTMN (km.): 4714.31	NYTME (km.): 593.805	Building: SFS
Emission Point:	02722		
	Height (ft.): 77	Diameter (in.): 12	
	NYTMN (km.): 4714.319	NYTME (km.): 593.803	Building: SFS
Emission Point:	02725		
	Height (ft.): 87	Diameter (in.): 12	
	NYTMN (km.): 4714.326	NYTME (km.): 593.79	Building: SFS
Emission Point:	02726		
	Height (ft.): 50	Diameter (in.): 10	
	NYTMN (km.): 4714.342	NYTME (km.): 593.747	Building: SFS
Emission Point:	02727		
	Height (ft.): 50	Diameter (in.): 10	
	NYTMN (km.): 4714.344	NYTME (km.): 593.743	Building: SFS
Emission Point:	02728		
	Height (ft.): 40	Diameter (in.): 10	
	NYTMN (km.): 4714.289	NYTME (km.): 593.808	Building: SFS
Emission Point:	02729		
	Height (ft.): 40	Diameter (in.): 10	
	NYTMN (km.): 4714.286	NYTME (km.): 593.812	Building: SFS



Emission Point: 02730	Height (ft.): 40	Diameter (in.): 10	
	NYTMN (km.): 4714.287	NYTME (km.): 593.81	Building: SFS
Emission Point: 02731	Height (ft.): 40	Diameter (in.): 10	
	NYTMN (km.): 4714.291	NYTME (km.): 593.806	Building: SFS
Emission Point: 02732	Height (ft.): 40	Diameter (in.): 10	
	NYTMN (km.): 4714.294	NYTME (km.): 593.802	Building: SFS
Emission Point: 02733	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.301	NYTME (km.): 593.797	Building: SFS
Emission Point: 02734	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.303	NYTME (km.): 593.799	Building: SFS
Emission Point: 02735	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.302	NYTME (km.): 593.793	Building: SFS
Emission Point: 02736	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.303	NYTME (km.): 593.792	Building: SFS
Emission Point: 02737	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.306	NYTME (km.): 593.788	Building: SFS
Emission Point: 02738	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.31	NYTME (km.): 593.783	Building: SFS
Emission Point: 02739	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.312	NYTME (km.): 593.781	Building: SFS
Emission Point: 02740	Height (ft.): 52	Diameter (in.): 10	
	NYTMN (km.): 4714.315	NYTME (km.): 593.778	Building: SFS
Emission Point: 02741	Height (ft.): 70	Diameter (in.): 10	
	NYTMN (km.): 4714.303	NYTME (km.): 593.815	Building: SFS
Emission Point: 02742	Height (ft.): 92	Diameter (in.): 12	
	NYTMN (km.): 4714.34	NYTME (km.): 593.777	Building: SFS



Emission Point: 02743			
Height (ft.): 77	Diameter (in.): 10		
NYTMN (km.): 4714.337	NYTME (km.): 593.779	Building: SFS	
Emission Point: 02744			
Height (ft.): 68	Diameter (in.): 12		
NYTMN (km.): 4714.34	NYTME (km.): 593.775	Building: SFS	
Emission Point: 02745			
Height (ft.): 50	Diameter (in.): 10		
NYTMN (km.): 4714.335	NYTME (km.): 593.755	Building: SFS	
Emission Point: 02746			
Height (ft.): 67	Diameter (in.): 12		
NYTMN (km.): 4714.345	NYTME (km.): 593.771	Building: SFS	
Emission Point: 02747			
Height (ft.): 68	Diameter (in.): 12		
NYTMN (km.): 4714.343	NYTME (km.): 593.769	Building: SFS	
Emission Point: 02748			
Height (ft.): 50	Diameter (in.): 10		
NYTMN (km.): 4714.336	NYTME (km.): 593.754	Building: SFS	
Emission Point: 02749			
Height (ft.): 36	Diameter (in.): 6		
NYTMN (km.): 4714.314	NYTME (km.): 593.743	Building: SFS	
Emission Point: 02750			
Height (ft.): 36	Diameter (in.): 6		
NYTMN (km.): 4714.312	NYTME (km.): 593.745	Building: SFS	
Emission Point: 02751			
Height (ft.): 45	Diameter (in.): 12		
NYTMN (km.): 4714.32	NYTME (km.): 593.811	Building: SFS	
Emission Point: 02752			
Height (ft.): 45	Diameter (in.): 12		
NYTMN (km.): 4714.323	NYTME (km.): 593.808	Building: SFS	
Emission Point: 02754			
Height (ft.): 38	Diameter (in.): 12		
NYTMN (km.): 4714.336	NYTME (km.): 593.792	Building: SFS	
Emission Point: 02756			
Height (ft.): 20	Diameter (in.): 3		
NYTMN (km.): 4714.28	NYTME (km.): 593.878		
Emission Point: 02757			
Height (ft.): 13	Diameter (in.): 3		
NYTMN (km.): 4714.224	NYTME (km.): 593.733		
Emission Point: 02758			



Height (ft.): 33	Diameter (in.): 3	
NYTMN (km.): 4714.308	NYTME (km.): 593.784	Building: SFS
Emission Point: 02759		
Height (ft.): 33	Diameter (in.): 3	
NYTMN (km.): 4714.312	NYTME (km.): 593.778	Building: SFS
Emission Point: 02763		
Height (ft.): 41	Diameter (in.): 8	
NYTMN (km.): 4714.296	NYTME (km.): 593.799	Building: SFS
Emission Point: 02764		
Height (ft.): 10	Diameter (in.): 4	
NYTMN (km.): 4714.335	NYTME (km.): 593.75	Building: SFS
Emission Point: 02765		
Height (ft.): 10	Diameter (in.): 4	
NYTMN (km.): 4714.34	NYTME (km.): 593.744	Building: SFS
Emission Point: 02766		
Height (ft.): 20	Diameter (in.): 6	
NYTMN (km.): 4714.299	NYTME (km.): 593.75	Building: SFS
Emission Point: 02767		
Height (ft.): 20	Diameter (in.): 6	
NYTMN (km.): 4714.295	NYTME (km.): 593.754	Building: SFS
Emission Point: 02768		
Height (ft.): 77	Diameter (in.): 8	
NYTMN (km.): 4714.332	NYTME (km.): 593.79	Building: SFS
Emission Point: 02769		
Height (ft.): 69	Diameter (in.): 6	
NYTMN (km.): 4714.329	NYTME (km.): 593.788	Building: SFS
Emission Point: 02770		
Height (ft.): 20	Diameter (in.): 6	
NYTMN (km.): 4714.272	NYTME (km.): 593.758	
Emission Point: 02771		
Height (ft.): 8	Diameter (in.): 6	
NYTMN (km.): 4714.261	NYTME (km.): 593.755	
Emission Point: 02772		
Height (ft.): 92	Diameter (in.): 10	
		Building: SFS
Emission Point: 02773		
Height (ft.): 92	Diameter (in.): 10	
		Building: SFS
Emission Point: 02774		
Height (ft.): 63	Diameter (in.): 8	



			Building: SFS
Emission Point: 02775	Height (ft.): 83	Diameter (in.): 10	Building: SFS
Emission Point: 02776	Height (ft.): 78	Diameter (in.): 10	Building: SFS
Emission Point: 02777	Height (ft.): 79	Diameter (in.): 10	Building: SFS
Emission Point: 02778	Height (ft.): 51	Diameter (in.): 10	Building: SFS
Emission Point: 02779	Height (ft.): 55	Diameter (in.): 10	Building: SFS
Emission Point: 02780	Height (ft.): 55	Diameter (in.): 10	Building: SFS
Emission Point: 02781	Height (ft.): 44	Diameter (in.): 12	Building: SFS
Emission Point: 02782	Height (ft.): 72	Diameter (in.): 6	Building: SFS
Emission Point: 02783	Height (ft.): 66	Diameter (in.): 16	Building: SFS

Item 19.10(From Mod 0):

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

Emission Unit:	W-TAREA		
Emission Point: 00709	Height (ft.): 15	Diameter (in.): 2	
	NYTMN (km.): 4714.162	NYTME (km.): 594.204	
Emission Point: 00712	Height (ft.): 15	Diameter (in.): 10	
	NYTMN (km.): 4714.239	NYTME (km.): 594.267	Building: WWTP
Emission Point: 00715	Height (ft.): 16	Diameter (in.): 4	



NYTMN (km.): 4714.178 NYTME (km.): 594.215

Emission Point: 00717
Height (ft.): 20 Diameter (in.): 24
NYTMN (km.): 4714.28 NYTME (km.): 594.168

Emission Point: 00718
Height (ft.): 20 Diameter (in.): 24
NYTMN (km.): 4714.277 NYTME (km.): 594.172

Emission Point: 00723
Height (ft.): 14 Diameter (in.): 4
NYTMN (km.): 4714.407 NYTME (km.): 594.022

Emission Point: 00727
Height (ft.): 4 Diameter (in.): 4

Condition 20: Process Definition By Emission Unit
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 20.1(From Mod 2):

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

Emission Unit: A-PAREA
Process: AFE Source Classification Code: 3-01-888-05
Process Description:
LDAR, PROCESS WASTEWATER, MAINTENANCE
WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Emission Source/Control: ALDAR - Process

Emission Source/Control: APHES - Process

Emission Source/Control: APMWW - Process

Emission Source/Control: APPWW - Process

Item 20.2(From Mod 2):

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

Emission Unit: D-GREAS
Process: DGR Source Classification Code: 4-01-002-96
Process Description: DEGREASERS THROUGHOUT PLANT.

Emission Source/Control: DGAPE - Process

Emission Source/Control: DGFAC - Process

Emission Source/Control: DGGEL - Process

Emission Source/Control: DGOPE - Process



Emission Source/Control: DGSFF - Process

Emission Source/Control: DGSFL - Process

Emission Source/Control: DGSFP - Process

Emission Source/Control: DGSFR - Process

Emission Source/Control: DGWTP - Process

Item 20.3(From Mod 2):

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

Emission Unit: R-ENGEN

Process: GEN

Source Classification Code: 2-01-001-02

Process Description:

DIESEL GENERATORS USED FOR PEAK SHAVING
ELECTRICITY GENERATION.

Emission Source/Control: 00911 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00912 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00913 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00914 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00915 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00916 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00917 - Combustion
Design Capacity: 1,855 horsepower (electric)

Emission Source/Control: 00918 - Combustion
Design Capacity: 1,855 horsepower (electric)

Item 20.4(From Mod 2):

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

Emission Unit: R-ESBLG

Process: RT4

Source Classification Code: 3-01-018-40

Process Description:

RESIN TANK TRUCK USED FOR TRANSFER OF
PARKSON'S WASTE OFF-SITE.



Emission Source/Control: C1379 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: T1379 - Process
Design Capacity: 6,000 gallons

Item 20.5(From Mod 0):

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

Emission Unit: A-PAREA
Process: AMP Source Classification Code: 3-01-018-99
Process Description: AP MISCELLANEOUS PROCESS VENTS.

Emission Source/Control: C0294 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C1247 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00294 - Process

Emission Source/Control: 01247 - Process

Item 20.6(From Mod 0):

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

Emission Unit: A-PAREA
Process: APV Source Classification Code: 3-01-018-91
Process Description: PROCESS SOURCES.

Emission Source/Control: C0284 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 01212 - Process

Emission Source/Control: 01257 - Process

Emission Source/Control: 01258 - Process

Emission Source/Control: 01259 - Process

Emission Source/Control: 01260 - Process

Item 20.7(From Mod 0):

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

Emission Unit: A-PAREA
Process: ASH Source Classification Code: 3-01-018-90
Process Description: AP CATALYST BUILDING.

Emission Source/Control: 01236 - Process



Emission Source/Control: 01239 - Process

Emission Source/Control: 01240 - Process

Emission Source/Control: 01241 - Process

Item 20.8(From Mod 0):

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

Emission Unit: A-PAREA

Process: AT1

Source Classification Code: 3-01-018-99

Process Description: EMISSIONS FROM VOL RACT TANKS <20,000 GALLONS.

Emission Source/Control: 01268 - Process

Item 20.9(From Mod 0):

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

Emission Unit: A-PAREA

Process: AT2

Source Classification Code: 3-01-018-99

Process Description: NON RACT TANKS.

Emission Source/Control: 00704 - Process

Emission Source/Control: 01266 - Process

Item 20.10(From Mod 0):

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

Emission Unit: A-PAREA

Process: AT3

Source Classification Code: 3-01-018-94

Process Description: RECYCLE METHANOL TANK

Emission Source/Control: C0282 - Control

Control Type: SPRAY TOWER

Emission Source/Control: M305B - Process

Emission Source/Control: MF102 - Process

Item 20.11(From Mod 0):

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

Emission Unit: A-PAREA

Process: AT4

Source Classification Code: 3-01-018-94

Process Description: METHANOL STORAGE TANK MF-150.

Emission Source/Control: C0282 - Control

Control Type: SPRAY TOWER

Emission Source/Control: MF150 - Process

Item 20.12(From Mod 0):



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

Emission Unit: A-PAREA
Process: AT5 Source Classification Code: 3-01-018-99
Process Description: HON GROUP 2 STORAGE VESSELS.

Emission Source/Control: C1252 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: M1201 - Process

Emission Source/Control: M149A - Process

Emission Source/Control: M2201 - Process

Emission Source/Control: M305A - Process

Emission Source/Control: M305B - Process

Emission Source/Control: M4072 - Process

Emission Source/Control: M415B - Process

Emission Source/Control: MF101 - Process

Emission Source/Control: MF148 - Process

Emission Source/Control: MF149 - Process

Emission Source/Control: MF203 - Process

Emission Source/Control: MF204 - Process

Emission Source/Control: MF241 - Process

Emission Source/Control: MF244 - Process

Emission Source/Control: MS223 - Process

Emission Source/Control: MS301 - Process

Emission Source/Control: RM701 - Process

Item 20.13(From Mod 0):

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

Emission Unit: A-PAREA
Process: BIF Source Classification Code: 3-99-900-04
Process Description: AP PROCESS 212 VOC/NOX RACT.

Emission Source/Control: C0284 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT
EXCHANGER



Emission Source/Control: 00284 - Process

Item 20.14(From Mod 0):

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

Emission Unit: C-XPRSS
Process: CXP Source Classification Code: 3-01-018-99
Process Description: COLORXPRESS PROCESSES.

Emission Source/Control: C5000 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C5004 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C5005 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 05000 - Process

Emission Source/Control: 05004 - Process

Emission Source/Control: 05005 - Process

Item 20.15(From Mod 0):

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

Emission Unit: G-ELBLG
Process: GFE Source Classification Code: 3-01-888-05
Process Description:
LDAR, PROCESS WASTEWATER, MAINTENANCE
WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Emission Source/Control: G-HES - Process

Emission Source/Control: GLDAR - Process

Emission Source/Control: G-MWW - Process

Emission Source/Control: G-PWW - Process

Item 20.16(From Mod 0):

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

Emission Unit: G-ELBLG
Process: GPV Source Classification Code: 3-01-018-99
Process Description: AB COMBUSTION BYPRODUCTS, ROOF FANS.

Emission Source/Control: 04012 - Process

Emission Source/Control: 04013 - Process



Emission Source/Control: 04014 - Process

Emission Source/Control: 04015 - Process

Emission Source/Control: X601C - Process

Item 20.17(From Mod 0):

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

Emission Unit: G-ELBLG

Process: GSH

Source Classification Code: 3-01-018-99

Process Description: MIXING (4TH FL.), LOADING BIN, K-405 BLOWER.

Emission Source/Control: C4008 - Control

Control Type: FABRIC FILTER

Emission Source/Control: GELF3 - Control

Control Type: FABRIC FILTER

Emission Source/Control: GELF4 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 04006 - Process

Emission Source/Control: 04016 - Process

Emission Source/Control: 04017 - Process

Emission Source/Control: 0M214 - Process

Emission Source/Control: 0T203 - Process

Emission Source/Control: 0T204 - Process

Emission Source/Control: 0T218 - Process

Emission Source/Control: WEIGH - Process

Emission Source/Control: XDUST - Process

Item 20.18(From Mod 0):

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

Emission Unit: G-ELBLG

Process: GVR

Source Classification Code: 3-99-900-24

Process Description: TANK T-307 TO AB (ALL VESSELS).

Emission Source/Control: CX601 - Control

Control Type: FLARING

Emission Source/Control: 0T307 - Process

Item 20.19(From Mod 0):



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

Emission Unit: H-IPSBG
Process: HEX Source Classification Code: 3-01-018-21
Process Description: DIE HOODS AND SLURRY TANK.

Emission Source/Control: C3013 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3014 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: FLTRS - Process

Emission Source/Control: MS102 - Process

Emission Source/Control: XTRUD - Process

Item 20.20(From Mod 0):

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

Emission Unit: H-IPSBG
Process: HFE Source Classification Code: 3-01-888-05
Process Description:
LDAR, PROCESS WASTEWATER, MAINTENANCE
WASTEWATER AND HEAT EXCHANGER SYSTEMS.

Emission Source/Control: H-HES - Process

Emission Source/Control: HLDAR - Process

Emission Source/Control: H-MWW - Process

Emission Source/Control: H-PWW - Process

Item 20.21(From Mod 0):

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

Emission Unit: H-IPSBG
Process: HPV Source Classification Code: 3-01-018-17
Process Description: DEVOL, DISTILLATION, FEED PREP, EXTRUSION.

Emission Source/Control: C3012 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT
EXCHANGER

Emission Source/Control: 03012 - Process

Emission Source/Control: 03041 - Process

Item 20.22(From Mod 0):

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



Emission Unit: H-IPSBG
Process: HSH Source Classification Code: 3-01-018-21
Process Description: STABILIZER, VACUUM CLEANING SYSTEM.

Emission Source/Control: 03045 - Process

Item 20.23(From Mod 0):

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

Emission Unit: H-IPSBG
Process: HT1 Source Classification Code: 3-01-018-19
Process Description: VOL STORAGE RACT TANKS.

Emission Source/Control: C3001 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3003 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3004 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3008 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 03001 - Process

Emission Source/Control: 03003 - Process

Emission Source/Control: 03004 - Process

Emission Source/Control: 03008 - Process

Item 20.24(From Mod 0):

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

Emission Unit: H-IPSBG
Process: HT2 Source Classification Code: 3-01-018-19
Process Description: NON VOC RACT TANKS.

Emission Source/Control: C3000 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3009 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3010 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3022 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3032 - Control



Control Type: WET SCRUBBER

Emission Source/Control: C0403 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1366 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 00341 - Process

Emission Source/Control: 00403 - Process

Emission Source/Control: 00429 - Process

Emission Source/Control: 01366 - Process

Item 20.28(From Mod 0):

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

Emission Unit: R-ESBLG
Process: RRX Source Classification Code: 3-01-018-91
Process Description: RESIN REACTORS.

Emission Source/Control: C0312 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0313 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0314 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0343 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0344 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 00312 - Process

Emission Source/Control: 00313 - Process

Emission Source/Control: 00314 - Process

Emission Source/Control: 00343 - Process



Emission Source/Control: 00344 - Process

Item 20.29(From Mod 0):

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

Emission Unit: R-ESBLG

Process: RSH

Source Classification Code: 3-01-018-92

Process Description: CATALYST, MINI BINS, SUPERSACKING.

Emission Source/Control: 00337 - Process

Emission Source/Control: 00367 - Process

Emission Source/Control: 00368 - Process

Emission Source/Control: 00369 - Process

Emission Source/Control: 00370 - Process

Emission Source/Control: 01354 - Process

Emission Source/Control: 01370 - Process

Emission Source/Control: 01378 - Process

Item 20.30(From Mod 0):

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

Emission Unit: R-ESBLG

Process: RT1

Source Classification Code: 3-01-018-99

Process Description: VOL STORAGE RACT TANKS.

Emission Source/Control: C0420 - Control

Control Type: VAPOR RECOVERY SYS(INCL.

CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1305 - Control

Control Type: WET SCRUBBER

Emission Source/Control: 00310 - Process

Emission Source/Control: 00420 - Process

Emission Source/Control: 00447 - Process

Emission Source/Control: 00459 - Process

Emission Source/Control: RM607 - Process

Item 20.31(From Mod 0):

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

Emission Unit: R-ESBLG



Process: RT2 Source Classification Code: 3-01-018-94
Process Description: VOC RACT TANKS.

Emission Source/Control: C0306 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0417 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0421 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0446 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0448 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0449 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1305 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00306 - Process

Emission Source/Control: 00417 - Process

Emission Source/Control: 00421 - Process

Emission Source/Control: 00446 - Process

Emission Source/Control: 00448 - Process

Emission Source/Control: 00449 - Process

Emission Source/Control: RM606 - Process

Item 20.32(From Mod 0):

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

Emission Unit: R-ESBLG
Process: RT3 Source Classification Code: 3-01-018-99
Process Description: NON RACT TANKS.

Emission Source/Control: C0401 - Control
Control Type: VAPOR RECOVERY SYS(INCL.



CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1305 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00381 - Process

Emission Source/Control: 00401 - Process

Emission Source/Control: 00419 - Process

Emission Source/Control: 00437 - Process

Emission Source/Control: 01368 - Process

Emission Source/Control: 01369 - Process

Emission Source/Control: RM605 - Process

Emission Source/Control: RM608 - Process

Emission Source/Control: RM612 - Process

Item 20.33(From Mod 0):

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

Emission Unit: R-ESBLG
Process: RWS Source Classification Code: 3-01-018-91
Process Description: RESIN WATER SCRUBBERS.

Emission Source/Control: C1355 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1356 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1357 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1358 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1359 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

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



Emission Source/Control: 01355 - Process

Emission Source/Control: 01356 - Process

Emission Source/Control: 01357 - Process

Emission Source/Control: 01358 - Process

Emission Source/Control: 01359 - Process

Emission Source/Control: IVSMS - Process

Item 20.34(From Mod 0):

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

Emission Unit: S-FSBLG

Process: FEX

Source Classification Code: 3-01-018-99

Process Description:

CARBON BEDS, HEAF, THERMAL OXIDIZER, VENTS
FROM EXTRUSION AND LABS.

Emission Source/Control: C2581 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2582 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2583 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2584 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2585 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2586 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2593 - Control

Control Type: REDUCTION COMBUSTOR - AIR PREHEATING

Emission Source/Control: 02581 - Process

Emission Source/Control: 02593 - Process

Item 20.35(From Mod 0):

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

Emission Unit: S-FSBLG

Process: FPM

Source Classification Code: 3-01-018-99

Process Description:

Finishing solids handling equipment - insignificant



emissions

- Emission Source/Control: 00511 - Process
- Emission Source/Control: 00519 - Process
- Emission Source/Control: 00520 - Process
- Emission Source/Control: 00526 - Process
- Emission Source/Control: 00531 - Process
- Emission Source/Control: 00534 - Process
- Emission Source/Control: 00539 - Process
- Emission Source/Control: 00540 - Process
- Emission Source/Control: 00541 - Process
- Emission Source/Control: 00542 - Process
- Emission Source/Control: 00543 - Process
- Emission Source/Control: 00544 - Process
- Emission Source/Control: 00546 - Process
- Emission Source/Control: 00553 - Process
- Emission Source/Control: 00555 - Process
- Emission Source/Control: 00556 - Process
- Emission Source/Control: 00560 - Process
- Emission Source/Control: 00561 - Process
- Emission Source/Control: 00568 - Process
- Emission Source/Control: 00569 - Process
- Emission Source/Control: 00570 - Process
- Emission Source/Control: 00571 - Process
- Emission Source/Control: 00572 - Process
- Emission Source/Control: 00575 - Process
- Emission Source/Control: 00576 - Process
- Emission Source/Control: 00577 - Process



Emission Source/Control: 00578 - Process
Emission Source/Control: 00579 - Process
Emission Source/Control: 00580 - Process
Emission Source/Control: 00581 - Process
Emission Source/Control: 00582 - Process
Emission Source/Control: 00583 - Process
Emission Source/Control: 00603 - Process
Emission Source/Control: 00604 - Process
Emission Source/Control: 00606 - Process
Emission Source/Control: 00610 - Process
Emission Source/Control: 01500 - Process
Emission Source/Control: 01501 - Process
Emission Source/Control: 01502 - Process
Emission Source/Control: 01503 - Process
Emission Source/Control: 01504 - Process
Emission Source/Control: 01505 - Process
Emission Source/Control: 01506 - Process
Emission Source/Control: 01507 - Process
Emission Source/Control: 01508 - Process
Emission Source/Control: 01509 - Process
Emission Source/Control: 01511 - Process
Emission Source/Control: 01517 - Process
Emission Source/Control: 01518 - Process
Emission Source/Control: 01519 - Process
Emission Source/Control: 01520 - Process
Emission Source/Control: 01521 - Process



- Emission Source/Control: 01522 - Process
- Emission Source/Control: 01525 - Process
- Emission Source/Control: 01527 - Process
- Emission Source/Control: 01528 - Process
- Emission Source/Control: 01530 - Process
- Emission Source/Control: 01531 - Process
- Emission Source/Control: 01532 - Process
- Emission Source/Control: 01533 - Process
- Emission Source/Control: 01534 - Process
- Emission Source/Control: 01535 - Process
- Emission Source/Control: 01537 - Process
- Emission Source/Control: 01543 - Process
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- Emission Source/Control: 01548 - Process
- Emission Source/Control: 01549 - Process
- Emission Source/Control: 01550 - Process
- Emission Source/Control: 01551 - Process
- Emission Source/Control: 01552 - Process
- Emission Source/Control: 01553 - Process
- Emission Source/Control: 01554 - Process
- Emission Source/Control: 01555 - Process
- Emission Source/Control: 01583 - Process
- Emission Source/Control: 01584 - Process
- Emission Source/Control: 01586 - Process
- Emission Source/Control: 01587 - Process
- Emission Source/Control: 01588 - Process
- Emission Source/Control: 01591 - Process



- Emission Source/Control: 01592 - Process
- Emission Source/Control: 01595 - Process
- Emission Source/Control: 01596 - Process
- Emission Source/Control: 01597 - Process
- Emission Source/Control: 01598 - Process
- Emission Source/Control: 01599 - Process
- Emission Source/Control: 02500 - Process
- Emission Source/Control: 02512 - Process
- Emission Source/Control: 02513 - Process
- Emission Source/Control: 02514 - Process
- Emission Source/Control: 02517 - Process
- Emission Source/Control: 02521 - Process
- Emission Source/Control: 02523 - Process
- Emission Source/Control: 02526 - Process
- Emission Source/Control: 02527 - Process
- Emission Source/Control: 02532 - Process
- Emission Source/Control: 02533 - Process
- Emission Source/Control: 02535 - Process
- Emission Source/Control: 02537 - Process
- Emission Source/Control: 02538 - Process
- Emission Source/Control: 02540 - Process
- Emission Source/Control: 02541 - Process
- Emission Source/Control: 02542 - Process
- Emission Source/Control: 02543 - Process
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- Emission Source/Control: 02546 - Process



- Emission Source/Control: 02547 - Process
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- Emission Source/Control: 02551 - Process
- Emission Source/Control: 02552 - Process
- Emission Source/Control: 02587 - Process
- Emission Source/Control: 02588 - Process
- Emission Source/Control: 02589 - Process
- Emission Source/Control: 02590 - Process
- Emission Source/Control: 02591 - Process
- Emission Source/Control: 02592 - Process
- Emission Source/Control: 02596 - Process
- Emission Source/Control: 02602 - Process
- Emission Source/Control: 02603 - Process
- Emission Source/Control: 02604 - Process
- Emission Source/Control: 02605 - Process
- Emission Source/Control: 02607 - Process
- Emission Source/Control: 02608 - Process
- Emission Source/Control: 02609 - Process
- Emission Source/Control: 02611 - Process
- Emission Source/Control: 02613 - Process
- Emission Source/Control: 02614 - Process
- Emission Source/Control: 02615 - Process
- Emission Source/Control: 02616 - Process
- Emission Source/Control: 02618 - Process
- Emission Source/Control: 02619 - Process
- Emission Source/Control: 02702 - Process
- Emission Source/Control: 02703 - Process



- Emission Source/Control: 02704 - Process
- Emission Source/Control: 02705 - Process
- Emission Source/Control: 02706 - Process
- Emission Source/Control: 02707 - Process
- Emission Source/Control: 02709 - Process
- Emission Source/Control: 02712 - Process
- Emission Source/Control: 02713 - Process
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- Emission Source/Control: 02767 - Process
- Emission Source/Control: 02768 - Process
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- Emission Source/Control: 02770 - Process



Emission Source/Control: 02772 - Process

Emission Source/Control: 02773 - Process

Emission Source/Control: 02774 - Process

Emission Source/Control: 02775 - Process

Emission Source/Control: 02776 - Process

Emission Source/Control: 02777 - Process

Emission Source/Control: 02778 - Process

Emission Source/Control: 02779 - Process

Emission Source/Control: 02780 - Process

Emission Source/Control: 02781 - Process

Emission Source/Control: 02782 - Process

Emission Source/Control: 02783 - Process

Item 20.36(From Mod 0):

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

Emission Unit: S-FSBLG

Process: FPV

Source Classification Code: 3-99-900-14

Process Description: THERMAL OXIDIZER COMBUSTION BYPRODUCTS.

Emission Source/Control: RECUP - Process

Item 20.37(From Mod 0):

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

Emission Unit: S-FSBLG

Process: FSH

Source Classification Code: 3-01-018-99

Process Description:

PNEUMATIC CONVEYANCE SYSTEMS, DUST COLL.
FINISHING SOLIDS HANDING EQUIPMENT.

Emission Source/Control: C1593 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1594 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2545 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2600 - Control



Control Type: FABRIC FILTER

Emission Source/Control: C2601 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2617 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2711 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2749 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2750 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2771 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 01593 - Process

Emission Source/Control: 01594 - Process

Emission Source/Control: 02545 - Process

Emission Source/Control: 02600 - Process

Emission Source/Control: 02601 - Process

Emission Source/Control: 02617 - Process

Emission Source/Control: 02711 - Process

Emission Source/Control: 02749 - Process

Emission Source/Control: 02750 - Process

Emission Source/Control: 02771 - Process

Item 20.38(From Mod 0):

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

Emission Unit: S-FSBLG
Process: FT1 Source Classification Code: 3-01-018-93
Process Description: VOL STORAGE RACT TANKS. FINISHING TANKS.

Emission Source/Control: 00597 - Process

Emission Source/Control: 01571 - Process

Emission Source/Control: 02710 - Process



Emission Source/Control: 02756 - Process

Item 20.39(From Mod 0):

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

Emission Unit: S-FSBLG
Process: FT2 Source Classification Code: 3-01-018-93
Process Description: NON RACT TANKS.

Emission Source/Control: 01572 - Process

Emission Source/Control: 02757 - Process

Item 20.40(From Mod 0):

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

Emission Unit: W-TAREA
Process: WPV Source Classification Code: 3-01-018-99
Process Description: WW VESSELS, DRUM WASHER/HOT BOX, FBI, LF.

Emission Source/Control: C0712 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00717 - Process

Emission Source/Control: 00718 - Process

Emission Source/Control: 00727 - Process

Emission Source/Control: DH712 - Process

Item 20.41(From Mod 0):

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

Emission Unit: W-TAREA
Process: WT1 Source Classification Code: 3-01-840-01
Process Description: WASTE OIL TANK.

Emission Source/Control: C0709 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00709 - Process

Item 20.42(From Mod 0):

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

Emission Unit: W-TAREA
Process: WT2 Source Classification Code: 3-01-018-99
Process Description: NON RACT TANKS.

Emission Source/Control: 00715 - Process

Emission Source/Control: 00723 - Process



Condition 2-2: Provisions for handling leaks found in heat exchanger coolant
Effective between the dates of 04/22/2005 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 2-2.1:

This Condition applies to Emission Unit: A-PAREA

Item 2-2.2:

If a leak is detected, it shall be repaired as soon as practical but not later than 45 calendar days after the owner/operator is notified of the results indicating a leak. The owner/operator shall confirm the repair within 7 days of the repair or startup, whichever is later.

The owner/operator shall retain the following records:

- records of any leaks detected
- monitoring data indicating the presence of a leak
- date(s) of the leak's detection
- date(s) of efforts to repair leak(s)
 - method and date of confirmation of leak(s)

Condition 25: Open-ended valves or lines standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.167(a), Subpart H

Item 25.1:

This Condition applies to Emission Unit: A-PAREA

Item 25.2:

(1) Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in § 63.162(b) of this subpart and paragraphs (d) and (e) of this section.

(2) The cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

Condition 26: Delay of repair - general
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.171(a), Subpart H

Item 26.1:

This Condition applies to Emission Unit: A-PAREA

Item 26.2:

Delay of repair of equipment for which leaks have been detected is allowed if the repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occur by the end of the next process unit shutdown.



Condition 27: Delay of repair - valves, connectors, and agitators
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.171(c), Subpart H

Item 27.1:

This Condition applies to Emission Unit: A-PAREA

Item 27.2:

Delay of repair is allowed for valves, connectors, and agitators if it is determined that emissions of purged material resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair, and when repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with 40CFR63.172.

Condition 28: Delay of repair - pumps
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.171(d), Subpart H

Item 28.1:

This Condition applies to Emission Unit: A-PAREA

Item 28.2:

Delay of repair is allowed for pumps if repair requires replacing the existing seal design with a new system that has been determined under the provisions of 40CFR63.176(d) will provide better performance or:

- 1) A dual mechanical seal system that meets the requirements of 40CFR63.163(e), or
 - 2) A pump that meets the requirements of 40CFR63.163(f), or
 - 3) A closed-vent system and control device that meets the requirements of 40CFR63.163(g);
- and

repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

Condition 29: Delay of repair beyond process unit shutdown
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.171(e), Subpart H

Item 29.1:

This Condition applies to Emission Unit: A-PAREA

Item 29.2:

Delay of repair beyond a process unit shutdown will be allowed for a valve if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the second process unit shutdown will not be allowed unless the third process unit shutdown occurs sooner than 6 months after the first process unit shutdown.



Condition 30: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.173, Subpart H

Item 30.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

(a)(1) Each agitator in light liquid or gas/vapor service shall be monitored monthly to detect leaks by the methods specified in §63.180(b) of this subpart, except as provided in §63.162(b) of this subpart.

(2) If an instrument reading of 10,000 parts per million or greater is measured, a leak is detected.

(b)(1) Each agitator in light liquid or gas/vapor service shall be checked by visual inspection each calendar week for indications of liquids dripping from the agitator.

(2) If there are indications of liquids dripping from the agitator, a leak is detected.

(c)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in §63.171 of this subpart.

(2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Exemptions:

(d) Each agitator equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraph (a) of this section, provided the requirements specified in paragraphs (d)(1) through (d)(6) of this section are met:

(1) Each dual mechanical seal system is:

(i) Operated with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or

(ii) Equipped with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or



connected by a closed-vent system to a control device that complies with the requirements of §63.172 of this subpart; or

(iii) Equipped with a closed-loop system that purges the barrier fluid into a process stream.

(2) The barrier fluid is not in light liquid organic HAP service.

(3) Each barrier fluid system is equipped with a sensor that will detect failure of the seal system, the barrier fluid system, or both.

(4) Each agitator is checked by visual inspection each calendar week for indications of liquids dripping from the agitator seal.

(i) If there are indications of liquids dripping from the agitator seal at the time of the weekly inspection, the agitator shall be monitored as specified in §63.180(b) of this subpart to determine the presence of organic HAP in the barrier fluid.

(ii) If an instrument reading of 10,000 parts per million or greater is measured, a leak is detected.

(5) Each sensor as described in paragraph (d)(3) of this section is observed daily or is equipped with an alarm unless the agitator is located within the boundary of an unmanned plant site.

(6)(i) The owner or operator determines, based on design considerations and operating experience, criteria applicable to the presence and frequency of drips and to the sensor that indicates failure of the seal system, the barrier fluid system, or both.

(ii) If indications of liquids dripping from the agitator seal exceed the criteria established in paragraph (d)(6)(i) of this section, or if, based on the criteria established in paragraph (d)(6)(i) of this section, the sensor indicates failure of the seal system, the barrier fluid system, or both, a leak is detected.

(iii) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in §63.171 of this subpart.

(iv) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

(e) Any agitator that is designed with no externally actuated shaft penetrating the agitator housing is exempt from paragraphs (a) through (c) of this section.

(f) Any agitator equipped with a closed-vent system capable of capturing and transporting any leakage from the seal or seals to a process or fuel gas system or to a control device that complies with the requirements of §63.172 of this subpart is exempt from the requirements of paragraphs (a) through (c) of the section.



(g) Any agitator that is located within the boundary of an unmanned plant site is exempt from the weekly visual inspection requirement of paragraphs (b)(1) and (d)(4) of this section, and the daily requirements of paragraph (d)(5) of this section, provided that each agitator is visually inspected as often as practical and at least monthly.

(h) Any agitator that is difficult-to-monitor is exempt from the requirements of paragraphs (a) through (d) of this section if:

- (1) The owner or operator determines that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner;
- (2) The process unit within which the agitator is located is an existing source or the owner or operator designates less than three percent of the total number of agitators in a new source as difficult-to-monitor; and
- (3) The owner or operator follows a written plan that requires monitoring of the agitator at least once per calendar year.

(i) Any agitator that is obstructed by equipment or piping that prevents access to the agitator by a monitor probe is exempt from the monitoring requirements of paragraphs (a) through (d) of this section.

(j) Any agitator that is designated, as described in §63.181(b)(7)(i) of this subpart, as an unsafe-to-monitor agitator is exempt from the requirements of paragraphs (a) through (d) of this section if:

- (1) The owner or operator of the agitator determines that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraphs (a) through (d) of this section; and
- (2) The owner or operator of the agitator has a written plan that requires monitoring of the agitator as frequently as practical during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: §63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.174(a), Subpart H

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

All connectors in gas/vapor and light liquid service shall be monitored to detect leaks by the method specified in 40CFR63.180(b). If an instrument reading of 500 ppm or more is measured, a leak is detected. The leak shall be repaired as soon as practicable, but no later than 15 calendar days after detection, and a first attempt at repair shall be made within 5 calendar days after detection.

Connectors shall be monitored at the following frequencies:

Once per year, if the percent leaking connectors in the process unit was 0.5 percent or greater during the last required annual or biennial monitoring period.

Once every 2 years, if the percent leaking connectors was less than 0.5 during the last required monitoring period. Compliance may be attained by monitoring at least 40% of the connectors in the first year and the remainder in the second year. The percent leaking connectors will be calculated using all monitoring done in the two year period.

If a process unit in a biennial leak detection and repair program calculates less than 0.5 percent leaking connectors from the 2-year period, the connectors may be monitored once every 4 years. Compliance may be attained by monitoring at least 20% of the connectors during each year until all connectors have been monitored within 4



years.

If a process unit is complying with these requirements using a 4-year monitoring program, and has greater than 0.5 percent leaking connectors but less than 1.0 percent, the monitoring frequency shall be increased to one time every 2 years. If the percent leaking connectors in the 4-year period is greater than 1.0 percent, the monitoring frequency shall be increased to once every year.

To determine the monitoring frequency, the following calculation shall be used to determine the percent leaking connectors (%Cl)

$$\%Cl = [(Cl - Can) / (Ct - Cc)] * 100$$

where:

Cl = number of connectors, including nonrepairables, measured at 500 ppm or greater

Can = number of allowable nonrepairable connectors, not to exceed 2% of the total connector population

Ct = total number of connectors that were monitored, including nonrepairables, in the process unit

Cc = optional credit for removed connectors = 0.67*net number (total removed-total added) of connectors in organic HAP service removed from the process unit after the compliance date

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: 40CFR63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 32: General recordkeeping requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.181(a), Subpart H

Item 32.1:

This Condition applies to Emission Unit: A-PAREA

Item 32.2:

An owner or operator of more than one process unit subject to the provisions of this subpart may



comply with the recordkeeping requirements for these process units in one recordkeeping system if the system identifies each record by process unit and the program being implemented (e.g., quarterly monitoring, quality improvement) for each type of equipment. All records and information required by this section shall be maintained in a manner that can be readily accessed at the plant site. This could include physically locating the records at the plant site or accessing the records from a central location by computer at the plant site.

Condition 33: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 33.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 33.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Condition 34: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 34.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 34.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 35: Scheduling of initial performance tests



Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 35.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 35.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 36: Waiver of performance test

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 36.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 36.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 37: Record retention*

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 37.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 37.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.



All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 38: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.103(c)(2), Subpart F

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.



For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 39: Submittal of reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 39.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 39.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 40: Equipment Leaks Applicability and Overlap with Other Rules
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.160, Subpart H

Item 40.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE

Item 40.2:

(a) The provisions of 40 CFR 63, Subpart H apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references Subpart H.

(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:

(1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.



(2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.

(c) If a process unit subject to the provisions of subpart H has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section.

(1) 40 CFR part 60, subpart VV, GGG, or KKK;

(2) 40 CFR part 61, subpart F or J; or

(3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB.

(d) The provisions in 40 CFR § 63.1(a)(3) of subpart A do not alter the provisions in paragraph (b) of this section.

(e) Except as provided in any subpart that references subpart H, lines and equipment not containing process fluids are not subject to the provisions of this subpart. Utilities, and other non-process lines, such as heating and cooling systems which do not combine their materials with those in the processes they serve, are not considered to be part of a process unit.

(f) The provisions of this subpart do not apply to research and development facilities or to bench-scale batch processes, regardless of whether the facilities or processes are located at the same plant site as a process subject to the provisions of this subpart.

Condition 41: General Leak Standards

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.162, Subpart H

Item 41.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

ALDAR

Item 41.2:

(a) Compliance with subpart H will be determined by review of the records required by § 63.181 of this subpart and the reports required by § 63.182 of this subpart, review of performance test results, and by inspections.

(b)(1) An owner or operator may request a determination of alternative means of emission limitation to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart as provided in § 63.177.

(2) If the Administrator makes a determination that a means of emission limitation is a permissible alternative to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart, the owner or operator shall comply with the alternative.



(c) See separate permit condition.

(d) Equipment that is in vacuum service is excluded from the requirements of this subpart.

(e) Equipment that is in organic HAP service less than 300 hours per calendar year is excluded from the requirements of §§ 63.163 through 63.174 of this subpart and § 63.178 of this subpart if it is identified as required in § 63.181(j) of this subpart.

(f) See separate permit condition.

(g) Except as provided in paragraph (g)(1) of this section, all terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), refer to the standard calendar periods unless specified otherwise in the section or subsection that imposes the requirement.

(1) If the initial compliance date does not coincide with the beginning of the standard calendar period, an owner or operator may elect to utilize a period beginning on the compliance date, or may elect to comply in accordance with the provisions of paragraphs (g)(2) or (g)(3) of this section.

(2) Time periods specified in this subpart for completion of required tasks may be changed by mutual agreement between the owner or operator and the Administrator, as specified in subpart A of this part. For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

(3) Except as provided in paragraph (g)(1) or (g)(2) of this section, where the period specified for compliance is a standard calendar period, if the initial compliance date does not coincide with the beginning of the calendar period, compliance shall be required according to the schedule specified in paragraphs (g)(3)(i) or (g)(3)(ii) of this section, as appropriate.

(i) Compliance shall be required before the end of the standard calendar period within which the compliance deadline occurs, if there remain at least 3 days for tasks that must be performed weekly, at least 2 weeks for tasks that must be performed monthly, at least 1 month for tasks that must be performed each quarter, or at least 3 months for tasks that must be performed annually; or

(ii) In all other cases, compliance shall be required before the end of the first full standard calendar period after the period within which the initial compliance deadline occurs.

(4) In all instances where a provision of this subpart requires completion of a task during each of multiple successive periods, an owner or operator may perform the required task at any time during each period, provided the task is conducted at a reasonable interval after completion of the task during the previous period.

(h) In all cases where the provisions of this subpart require an owner or operator to repair leaks by a specified time after the leak is detected, it is a violation of this subpart to fail to take action to repair the leaks within the specified time. If action is taken to repair the leaks within the specified time, failure of that action to successfully repair the leak is not a violation of this



subpart. However, if the repairs are unsuccessful, a leak is detected and the owner or operator shall take further action as required by applicable provisions of this subpart.

Condition 42: General standards - identification of equipment
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(c), Subpart H

Item 42.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 42.2:

Each piece of equipment to which Subpart H applies shall be identified such that it can be distinguished readily from equipment that is not subject to Subpart H. This does not require physical tagging, but may be identified on a plant site plan, log entries, or by designation of process unit boundaries by some form of weatherproof identification.

Condition 43: General standards - Detection of leaks in pumps, connectors, closed vent systems and control devices, agitators, and compressors
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 43.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 43.2:

When a leak is detected as specified in 40CFR63.163, 164, 169, 172, 173, and 174, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification which has been placed on equipment determined to have a leak, except for a connector that is subject to the provisions of 40CFR63.174(c)(1)(i), may be removed after it is repaired.

Condition 44: General standards - detection of leaks in valves
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 44.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 44.2:

When each leak is detected as specified in 40CFR63.168 and 169, a weatherproof and readily visible identification, marked with the equipment number, shall be attached to the leaking equipment. The identification on a valve may be removed after it has been monitored as



specified in 40CFR63.168(f)(3), and 63.175(e)(7)(i)(D), and no leak has been detected during the follow-up monitoring.

Condition 45: Pumps in light liquid service - exemptions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.163, Subpart H

Item 45.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 45.2:

(1) Any pump that is designed with no externally actuated shaft penetrating the pump housing is exempt from the requirements of paragraphs (a) through (c) of 40 CFR section 63.163.

(2) Any pump equipped with a closed-vent system capable of capturing and transporting any leakage from the seal or seals to a process or to a fuel gas system or to a control device that complies with the requirements of § 63.172 of subpart H is exempt from the requirements of paragraphs (b) through (e) of section 63.163.

(3) Any pump that is located within the boundary of an unmanned plant site is exempt from the weekly visual inspection requirement of paragraphs (b)(3) and (e)(4) of section 63.163, and the daily requirements of paragraph (e)(5) of section 63.163, provided that each pump is visually inspected as often as practicable and at least monthly.

(4) If more than 90 percent of the pumps at a process unit meet the criteria in either paragraph (e) or (f) of section 63.163, the process unit is exempt from the requirements of paragraph (d) of section 63.163.

Condition 46: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.163(b)(2), Subpart H

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE Emission Source: ALDAR

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:



The owner/operator shall monitor each pump in light liquid service monthly to detect leaks by the method specified in 40CFR63.180(b). In Phase II and Phase III the instrument reading that defines a leak is 1,000 ppm or greater for pumps handling polymerizing monomers.

When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in 40CFR63.171. A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. First attempts include, but are not limited to, tightening of packing gland nuts, and ensuring that the seal flush is operating at design pressure and temperature.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: 40CFR63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

**Condition 47: Pressure relief devices in gas/vapor service - exemptions
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.165, Subpart H

Item 47.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

ALDAR

Item 47.2:

Any pressure relief device that is routed to a process or fuel gas system or equipped with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device as described in § 63.172 of this subpart is exempt from the requirements of paragraphs (a) and (b) of this section.

Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (a) and (b) of this section, provided the owner or operator complies with the following requirements:

After each pressure release, a rupture disk shall be installed upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release,



except as provided in § 63.171 of this subpart.

Condition 48: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.165, Subpart H

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with an instrument reading of less than 500 ppm above background.

After each pressure release, the pressure relief device shall be returned to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release.

No later than 5 calendar days after each pressure release and being returned to organic HAP service, the pressure relief device shall be monitored to confirm an instrument reading of less than 500 ppm above background, as measured by the method specified in 40CFR63.180(c).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: 40CFR63.180(b) & (c)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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



Condition 49: Sampling connection systems standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.166, Subpart H

Item 49.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 49.2:

(a) Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §63.162(b) of this subpart. Gases displaced during filling of the sample container are not required to be collected or captured.

(b) Each closed-purge, closed-loop, or closed-vent system as required in paragraph (a) of this section shall:

- (1) Return the purged process fluid directly to the process line; or
- (2) Collect and recycle the purged process fluid to a process; or
- (3) Be designed and operated to capture and transport the purged process fluid to a control device that complies with the requirements of §63.172 of this subpart; or
- (4) Collect, store, and transport the purged process fluid to a system or facility identified in paragraph (b)(4)(i), (ii), or (iii) of this section.

(i) A waste management unit as defined in §63.111 of subpart G of this part, if the waste management unit is subject to, and operated in compliance with the provisions of subpart G of this part applicable to group 1 wastewater streams. If the purged process fluid does not contain any organic HAP listed in Table 9 of subpart G of part 63, the waste management unit need not be subject to, and operated in compliance with the requirements of 40 CFR part 63, subpart G applicable to group 1 wastewater streams provided the facility has an NPDES permit or sends the wastewater to an NPDES permitted facility.

(ii) A treatment, storage, or disposal facility subject to regulation under 40 CFR part 262, 264, 265, or 266; or

(iii) A facility permitted, licensed, or registered by a State to manage municipal or industrial solid waste, if the process fluids are not hazardous waste as defined in 40 CFR part 261.

(c) In-situ sampling systems and sampling systems without purges are exempt from the requirements of paragraphs (a) and (b) of this section.

Condition 50: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.167(a)(1), Subpart H

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA



Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except as provided in 40CFR63.162(b), 167(d), or 167(e), each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve that shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 51: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.167(b), Subpart H

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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



Condition 52: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.168, Subpart H

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owner/operator shall monitor all valves in gas/vapor service and light liquid service using the method specified in 40CFR63.180(b). All existing process units are in Phase III of the standard. New sources subject to Subpart F or I must comply with Phase II requirements upon initial start-up. They must comply with Phase III requirements beginning no later than 1 year after initial start-up.

In Phases II and III, an instrument reading of 500 ppm or greater indicates a leak. In Phase II for new sources, each valve shall be monitored quarterly. In Phase III, the owner/operator shall monitor valves at the following intervals:

- 1) At process units with 2 percent or greater leaking valves, owner/operator shall monitor each valve once per month.
- 2) At process units with less than 2 percent leaking valves, owner/operator shall monitor each valve once per quarter.
- 3) At process units with less than 1 percent leaking valves, owner/operator shall monitor each valve once every 2 quarters.
- 4) At process units with less than 0.5 percent leaking valves, owner/operator shall monitor each valve once every 4 quarters.

Percent leaking valves shall be calculated as follows:



$$\% V1 = (V1/(Vt+Vc))*100$$

where:

% V1 = percent leaking valves as determined through periodic monitoring

V1 = number of valves found leaking excluding nonrepairables as provided in 40CFR63.168(e)(3)(i)

Vt = total valves monitored, in a monitoring period excluding valves monitored as required by 63.168(f)(3)

Vc = optional credit for removed valves = 0.67 x net number (total removed - total added) of valves in organic HAP service removed from process unit after the compliance date.

The percent leaking valves shall be calculated as a two-month rolling average for monthly, quarterly, or semiannual monitoring programs. The percent leaking valves shall be calculated as an average of any three of four consecutive monitoring periods for annual monitoring programs.

Nonrepairable valves shall be included in the calculation of percent leaking valves the first time the valve is identified as leaking and nonrepairable. Otherwise, a number of nonrepairable valves (identified and included in the percent leaking calculation in a previous period) up to a maximum of 1 percent of the total number of valves in organic HAP service at a process unit may be excluded from calculation of percent leaking valves. If the number exceeds 1 percent nonrepairable, then the number exceeding 1 percent shall be counted.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: 40CFR63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 53: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.168(f)(1), Subpart H



Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When a leak is detected in a valve in gas/vapor service or light liquid service, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected. A first attempt at repair shall be made no later than 5 days after the leak is detected and shall include, but are not limited to, the following practices:

- 1) tightening of bonnet bolts,
- 2) replacement of bonnet bolts,
- 3) tightening of packing gland nuts, and
- 4) injection of lubricant into lubricated packing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 54: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.169, Subpart H

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: ALDAR

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS



Monitoring Description:

Pumps, valves, connectors, and agitators in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and instrumentation systems shall be monitored within 5 calendar days by the method specified in 40CFR63.180(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. If such a potential leak is repaired as described below, it is not necessary to monitor the system for leaks by the method specified in §63.180(b).

If an instrument reading of 10,000 ppm or greater for agitators, 5,000 ppm or greater for pumps handling polymerizing monomers, 2,000 ppm or greater for all other pumps, or 500 ppm or greater for valves, connectors, instrumentation systems, and pressure relief devices is measured, a leak is detected.

When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after detection. The first attempt at repair shall be made no later than 5 calendar days after detection and shall include the practices listed in 40CFR63.163(c)(2) for pumps and 40CFR63.168(g) for valves.

In order to be exempt from the post-repair monitoring requirement in this condition, repaired shall mean that the visual, audible, olfactory, or other indications of a leak have been eliminated; that no bubbles are observed at potential leak sites during a leak check using soap solution; or that the system will hold a test pressure.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: TOTAL HYDROCARBONS (THC)

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 15 days

Reference Test Method: 40CFR63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 55: Delay of repair for isolated equipment
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.171(b), Subpart H

Item 55.1:

This Condition applies to Emission Unit: A-PAREA



Process: AFE

Emission Source:

ALDAR

Item 55.2:

Delay of repair of equipment for which leaks have been detected is allowed for equipment that is isolated from the process and that does not remain in organic HAP service.

**Condition 56: Connectors in gas/vapor or light liquid service -
provisions for sealed connectors
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.174(c)(1)(i), Subpart H

Item 56.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

ALDAR

Item 56.2:

Each connector that has been opened or has otherwise had the seal broken shall be monitored for leaks when it is reconnected or within the first 3 months after being returned to organic HAP service. If a leak is detected, it shall be repaired according to the provisions in 40CFR63.174(d) or be deemed nonrepairable.

Pursuant to §63.174 paragraph (c)(1)(ii) as an alternative, owner/operator may choose not to monitor connectors that have been opened or otherwise had the seal broken. In this case, the connector may not be counted as nonrepairable, but shall be calculated as a leaking connector for all monitoring periods.

Per §63.174 paragraph (c)(1)(iii), the owner or operator may switch alternatives described in paragraphs above at the end of the current monitoring period he is in, provided that it is reported as required in § 63.182 of this subpart and begin the new alternative in annual monitoring. The initial monitoring in the new alternative shall be completed no later than 12 months after reporting the switch.

**Condition 57: Connectors in gas/vapor or light liquid service -
unsafe-to-monitor
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.174(f), Subpart H

Item 57.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

ALDAR

Item 57.2:

Any connector that is designated as unsafe-to-monitor is exempt from the monitoring requirements for connectors if it is determined that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with this section and there is a written plan that requires monitoring of the connector as frequently as practicable during safe-to-monitor periods but not more frequently than the periodic schedule otherwise



applicable.

Condition 58: Connectors in gas/vapor or light liquid service - unsafe-to-repair
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.174(g), Subpart H

Item 58.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 58.2:

Any connector that is designated as unsafe-to-repair is exempt from the monitoring and leak repair provisions for connectors if it is determined that repair personnel would be exposed to an immediate danger as a consequence of complying with the repair provisions and the connector will be repaired before the end of the next scheduled process unit shutdown.

Condition 59: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.181(b), Subpart H

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE Emission Source: ALDAR

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept for each process unit subject to Subpart H:

- 1) A list of identification numbers for equipment (except for connectors exempt from monitoring and recordkeeping and for instrumentation systems). Connectors need not be identified individually if all connectors in a given length of pipe are identified as a group, and the number of connectors is indicated.
- 2) A schedule by process unit for monitoring connectors in gas/vapor or light liquid service and valves in gas/vapor or light liquid service.
- 3) A plant site map, log entries, or some identification



for equipment that is in organic HAP service.

4) A list of identification numbers for equipment that is equipped with a closed-vent system and control device, under the provisions of 40CFR63.163(g), 164(h), 165(c), or 173(f).

5) A list of identification numbers for compressors that are designated as operating with an instrument reading of less than 500 ppm above background.

6) A list of identification numbers for pressure relief devices in gas/vapor service.

7) A list of identification numbers for pressure relief devices equipped with rupture disks.

8) Identification of instrumentation systems subject to leak detection and repair provisions.

9) Identification of screwed connectors subject to 40CFR63.174(c)(2). This can be by area or grouping as long as the total number within each group is recorded.

10) For each dual mechanical seal system, the design criteria required in 40CFR63.163(e)(6)(i), 164(e)(2), and 173(d)(6)(i), an explanation of the design criteria, and any changes to these criteria and reasons for the changes.

11) Identification of all equipment designated as unsafe to monitor, difficult to monitor, unsafe to inspect, and the plan for monitoring or inspecting this equipment.

12) A list of identification numbers for the equipment designated as difficult to monitor, an explanation of why the equipment is difficult to monitor, and the planned schedule for monitoring this equipment.

13) A list of identification numbers for connectors that are designated as unsafe to repair and an explanation why the connector is unsafe to repair.

14) A list of valves removed from and added to the process unit if used in the percent leaking valves calculation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.



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

Condition 60: Reporting standards - general
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.182(a), Subpart H

Item 60.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 60.2:

Each owner/operator shall submit the following reports:

- 1) An initial notification report
- 2) A Notification of Compliance Status report
- and 3) Periodic reports

Condition 61: Reporting requirements - periodic reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.182(d), Subpart H

Item 61.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
ALDAR

Item 61.2:

A periodic report shall be submitted semiannually starting six months after the Notification of Compliance Status report. The first report shall cover the previous six months after the compliance date and each subsequent report shall cover the six month period following the preceding period.

The periodic report shall include the following information:

- 1) For each process unit, the following information during the previous six-month period:
 - i) The number of valves for which leaks were detected, the percent leakers, and the total number of valves monitored,
 - ii) The number of valves for which leaks were not repaired, identifying the number of those that are determined nonrepairable,
 - iii) The number of pumps for which leaks were detected, the percent leakers, and the total number of pumps monitored,
 - iv) The number of pumps for which leaks were not repaired,
 - v) The number of compressors for which leaks were detected,
 - vi) The number of compressors for which leaks were not repaired,
 - vii) The number of agitators for which leaks were detected,



- viii) The number of agitators for which leaks were not repaired,
- ix) The number of connectors for which leaks were detected, the percent of connectors leaking, and the total number of connectors monitored,
- x) The number of connectors for which leaks were not repaired, identifying the number of those that are determined nonrepairable,
- xi) The facts that explain any delay of repairs and, where appropriate, why a process unit shutdown was technically infeasible, and
- xii) The results of all monitoring to show compliance with the 500 ppm above background thresholds.

Condition 62: Delay of repair provisions for heat exchange systems
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 62.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
APHES

Item 62.2:

Delay of repair is allowed for heat exchanger system leaks in the following situations:

- 1) If the equipment that is isolated from the process, or
- 2) If the repair is technically infeasible without a shutdown, and one of the following is true:
 - a) A shutdown is expected within two months after the delay of repair is determined to be necessary. Repair may be delayed until that shutdown.
 - b) A shutdown is not expected within the next two months and a shutdown to repair the leaking equipment would result in greater emissions than delaying repair. In this case the owner/operator shall document the items listed in 63.104(e)(2)(i)(A) and (B) and delay the repair until the next shutdown.
 - c) A shutdown is not expected within the next two months and the owner/operator does not determine that the shutdown would result in greater emissions than a delay of repair. The owner/operator may delay the repair for 120 days. The owner/owner shall demonstrate that the necessary parts or personnel were not available

The owner/operator shall submit the following in the next semiannual report:

- 1) the presence of a leak and the date the leak was detected
- 2) whether the leak has been repaired
- 3) the reason(s) for the delay of repair
- 4) the expected date of repair if not repaired
- 5) the date of successful repair of the leak

Condition 63: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.104, Subpart F



Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: APHES

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The cooling water shall be monitored for total HAPs, total VOCs, TOC, one or more speciated HAPs, or any other representative substances that would indicate the presence of a leak. The cooling water shall be monitored monthly for the first six months and quarterly thereafter.

The concentration of the monitored parameter can be measured using any method listed in 40 CFR Part 136 with the ability to measure as low as 10 ppm. The samples shall be collected at the entrance and exit of the cooling water into the heat exchange system. The average entrance and exit concentrations shall be calculated from at least 3 samples. A leak is detected if the exit mean concentration is greater than the entrance mean concentration using a one-sided statistical procedure at the 0.05 level of significance and it is greater by more than 1 ppm or 10%, whichever is greater.

If a leak is detected according to the criteria listed above, the facility shall repair the leak as soon as practical but not later than 45 calendar days after results of the monitoring tests indicate that a leak exists, except as provided in §63.104(e). The leak shall be repaired unless the owner/operator demonstrates that the results are due to a condition other than a leak. Once the leak is repaired, the facility shall confirm that the heat exchange system has been repaired within 7 calendar days of the repair or startup, whichever is later.

Reporting shall be required as specified in §63.104(f)(2).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: VOC's

Parameter Monitored: DAYS TO REPAIR

Upper Permit Limit: 45 days



Reference Test Method: see description

Monitoring Frequency: QUARTERLY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 64: Exemption from monitoring of heat exchange system -
pressurizing coolant water**
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.104(a)(1), Subpart F

Item 64.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

APHES

Item 64.2:

If the heat exchange system is operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side, the owner/operator is not required to monitor the heat exchange system as required in §63.104(b) or (c).

**Condition 65: Exemptions from heat exchange system monitoring -
presence of intervening coolant**
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.104(a)(2), Subpart F

Item 65.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

APHES

Item 65.2:

If there is an intervening cooling fluid (containing less than 5% by weight of total HAPs listed in table 4 of 40CFR63, Subpart F) between the process and the cooling water, then the owner/operator is not required to monitor the heat exchange system as required in §63.104(b) or (c). The intervening fluid serves to isolate the cooling water from the process fluid and the intervening fluid is not sent through a cooling tower or discharged.

Condition 66: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.105, Subpart F

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AFE

Emission Source: APMWW

Regulated Contaminant(s):



CAS No: 0NY100-00-0 HAP

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator shall prepare a description of maintenance procedures for management of wastewaters, which contain organic HAPs listed in table 9 of Subpart G, that are generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns such as routine maintenance.

The description shall specify the following:

- 1) process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities;
- 2) procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and
- 3) procedures to be followed when clearing materials from process equipment.

This information shall be updated as needed following each maintenance procedure based on the actions taken and the wastewater generated in the preceding maintenance procedure. The procedures described shall be implemented as part of the startup, shutdown, and malfunction plan required under 40CFR63.6(e)(3).

A record shall be maintained of the information required above in the startup, shutdown, and malfunction plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 67: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.132(a)(3), Subpart G

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA



Process: AFE

Emission Source: APPWW

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For wastewater streams that qualify as Group 2 wastewater streams, the owner/operator shall keep in a readily accessible location the records specified in (i) through (iv) below and include this information in the Notification of Compliance Status Report. This information may be submitted in any form. Table 15 of this subpart is an example.

(i) Process unit identification and description of the process unit.

(ii) Stream identification code.

(iii) For existing sources, concentration of table 9 compound(s) in parts per million, by weight. For new sources, concentration of table 8 and/or table 9 compound(s) in parts per million, by weight. Include documentation of the methodology used to determine concentration.

(iv) Flow rate in liter per minute.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Process wastewater reporting provisions - reporting for Group 2 streams
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.146(b)(2), Subpart G

Item 68.1:

This Condition applies to Emission Unit: A-PAREA

Process: AFE

Emission Source:

APPWW

Item 68.2:

The owner/operator shall submit with the Notification of Compliance Status report as required by 40CFR63.152(b), the information specified in Table 15 of subpart G for table 8 and/or table 9 compounds.

Condition 69: Process wastewater provisions - recordkeeping - transfer of Group 1 wastewater
Effective between the dates of 09/25/2002 and Permit Expiration Date

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



Item 69.1:

This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source:
APPWW

Item 69.2:

If a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream are transferred in accordance with 40CFR63.132(g), the owner/operator shall keep a record of the notice sent to the treatment operator stating that the wastewater stream or residual contains organic HAPs which are required to be managed and treated in accordance with the provisions of 40CFR63 subpart G.

**Condition 70: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 70.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP

Item 70.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

**Condition 71: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 71.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP



Item 71.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 72: Scheduling of initial performance tests
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 72.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP

Item 72.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 73: Waiver of performance test
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 73.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP

Item 73.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 74: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 74.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP



Item 74.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 75: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.103(c)(2), Subpart F

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AMP

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 76: Submittal of reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 76.1:

This Condition applies to Emission Unit: A-PAREA
Process: AMP

Item 76.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 77: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 77.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 77.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does



not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Condition 78: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 78.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 78.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 79: Scheduling of initial performance tests
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 79.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 79.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 80: Waiver of performance test
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 80.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV



Item 80.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 81: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 81.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 81.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 82: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(2), Subpart F

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA



Process: APV

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 83: Submittal of reports

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 83.1:



This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 83.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 84: Standards for group 2 process vents
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.113(e), Subpart G

Item 84.1:

This Condition applies to Emission Unit: A-PAREA
Process: APV

Item 84.2:

The owner/operator of a group 2 process vent with a TRE index value greater than 4.0 shall maintain a TRE index value greater than 4.0, comply with the provisions for calculation of TRE index in §63.115, comply with the recordkeeping and reporting provisions of §63.117(b), 118(c), and 118(h), and is not subject to monitoring or any other requirements of §63.114 through 118.

Condition 85: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.115(d)(1), Subpart G

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: APV

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

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To determine the TRE index value, the owner/operator shall calculate the TRE index value using engineering assessment to determine process vent stream flow rate, net heating value, TOC emission rate, and total organic HAP emission rate for the representative operating condition expected to yield the lowest TRE index value.



If the TRE value calculated using this engineering assessment and the TRE equation listed in §63.115(d)(3) is greater than 4.0, then the owner/operator is not required to perform the measurements specified in §63.115(d)(2).

Engineering assessment includes, but is not limited to:

- 1) Previous test results provided the tests are representative of current operating practices at the process unit.
- 2) Bench-scale or pilot-scale test data representative of the process under representative operating conditions.
- 3) Maximum flow rate, TOC emission rate, organic HAP emission rate, or net heating value limit specified or implied within a permit limit applicable to the process vent.
- 4) Design analysis based on accepted chemical engineering principles, measurable process parameters, or physical or chemical laws or properties.
- 5) All data, assumptions, and procedures used in the engineering assessment shall be documented.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 86: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.117(b), Subpart G

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: APV

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a Group 2 process vent with a TRE index value greater than 4.0 shall maintain records and submit as part of the Notification of Compliance Status report as required in §63.152, measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Documentation of engineering assessments shall include all data, assumptions, and procedures used for the engineering



assessments, as specified in §63.115(d)(1).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 87: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.118(c), Subpart G

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: APV

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the owner/operator elects to demonstrate compliance with the TRE index value greater than 1.0 under §63.113(a)(3) shall keep up-to-date, readily accessible records of any process changes as defined in §63.115(e) and any recalculation of the TRE index value pursuant to §63.115(e).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 88: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.118(h), Subpart G

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: APV

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Whenever a process change, as defined in §63.115(e), is made that causes a group 2 process vent with a TRE greater



than 4.0 to become a group 2 process vent with a TRE less than 4.0, a report shall be submitted within 180 calendar days after the process change. The report may be submitted as part of the next periodic report and shall include a description of the process change, the results of the recalculation of the TRE index value required under §63.115(e) and recorded under §63.118(c), and a statement that the owner/operator will comply with the requirements specified in §63.113(d).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 89: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: ASH

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

Item 89.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.



The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

**Condition 90: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 90.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT2

Item 90.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts



Item 93.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 94: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date
Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 94.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT2

Item 94.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 95: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date
Applicable Federal Requirement:40CFR 63.103(c)(2), Subpart F

Item 95.1:

The Compliance Certification activity will be performed for:



Emission Unit: A-PAREA

Process: AT2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 96: Submittal of reports

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F



Item 96.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT2

Item 96.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 97: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT3

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

Item 97.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
PROCESS CONTROL SYSTEM MONITORS SCRUBBER
GAS OUTLET TEMPERATURE CONTINUOUSLY.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 103 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 98: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT3



Condition 100: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 100.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 100.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 101: Scheduling of initial performance tests
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 101.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 101.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 102: Waiver of performance test
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 102.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 102.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.



Condition 103: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 103.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 103.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 104: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(2), Subpart F

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT3

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

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts



F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 105: Submittal of reports

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 105.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 105.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 106: Equipment Leaks Applicability and Overlap with Other Rules

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.160, Subpart H

Item 106.1:



This Condition applies to Emission Unit: A-PAREA
Process: AT3

Item 106.2:

(a) The provisions of 40 CFR 63, Subpart H apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references Subpart H.

(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:

- (1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.
- (2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.

(c) If a process unit subject to the provisions of subpart H has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section.

- (1) 40 CFR part 60, subpart VV, GGG, or KKK;
- (2) 40 CFR part 61, subpart F or J; or
- (3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB.

(d) The provisions in 40 CFR § 63.1(a)(3) of subpart A do not alter the provisions in paragraph (b) of this section.

(e) Except as provided in any subpart that references subpart H, lines and equipment not containing process fluids are not subject to the provisions of this subpart. Utilities, and other non-process lines, such as heating and cooling systems which do not combine their materials with those in the processes they serve, are not considered to be part of a process unit.

(f) The provisions of this subpart do not apply to research and development facilities or to bench-scale batch processes, regardless of whether the facilities or processes are located at the same plant site as a process subject to the provisions of this subpart.

Condition 107: General standards - identification of equipment
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.162(c), Subpart H

Item 107.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT3



Item 107.2:

Each piece of equipment to which Subpart H applies shall be identified such that it can be distinguished readily from equipment that is not subject to Subpart H. This does not require physical tagging, but may be identified on a plant site plan, log entries, or by designation of process unit boundaries by some form of weatherproof identification.

Condition 108: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.170, Subpart H

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT3

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

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each surge control vessel or bottoms receiver that is not routed back to the process and that meets the conditions specified in table 2 or 3 of Subpart H shall be equipped with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements in §63.172, or shall comply with the requirements of §63.119(b) or (c) of Subpart G.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 109: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.172(b), Subpart H

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT3 Emission Source: MF102

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



Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Recovery or recapture devices shall be designed and operated to recover the organic HAP emissions or VOC emissions vented to them with an efficiency of 95% or greater, or to an exit concentration of 20 ppmv, whichever is less stringent.

As per §63.120(d)(1), the facility may elect to prepare a design evaluation with the information described in §63.120(d)(1)(i) showing that the control device will control to the appropriate level.

Parameter Monitored: HAP

Lower Permit Limit: 95 percent reduction by weight

Reference Test Method: 18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 110: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.181(b), Subpart H

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AT3

Emission Source: MF102

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept for each process unit subject to Subpart H:

1) A list of identification numbers for equipment (except for connectors exempt from monitoring and recordkeeping and for instrumentation systems). Connectors need not be



identified individually if all connectors in a given length of pipe are identified as a group, and the number of connectors is indicated.

2) A schedule by process unit for monitoring connectors in gas/vapor or light liquid service and valves in gas/vapor or light liquid service.

3) A plant site map, log entries, or some identification for equipment that is in organic HAP service.

4) A list of identification numbers for equipment that is equipped with a closed-vent system and control device, under the provisions of 40CFR63.163(g), 164(h), 165(c), or 173(f).

5) A list of identification numbers for compressors that are designated as operating with an instrument reading of less than 500 ppm above background.

6) A list of identification numbers for pressure relief devices in gas/vapor service.

7) A list of identification numbers for pressure relief devices equipped with rupture disks.

8) Identification of instrumentation systems subject to leak detection and repair provisions.

9) Identification of screwed connectors subject to 40CFR63.174(c)(2). This can be by area or grouping as long as the total number within each group is recorded.

10) For each dual mechanical seal system, the design criteria required in 40CFR63.163(e)(6)(i), 164(e)(2), and 173(d)(6)(i), an explanation of the design criteria, and any changes to these criteria and reasons for the changes.

11) Identification of all equipment designated as unsafe to monitor, difficult to monitor, unsafe to inspect, and the plan for monitoring or inspecting this equipment.

12) A list of identification numbers for the equipment designated as difficult to monitor, an explanation of why the equipment is difficult to monitor, and the planned schedule for monitoring this equipment.

13) A list of identification numbers for connectors that are designated as unsafe to repair and an explanation why the connector is unsafe to repair.



14) A list of valves removed from and added to the process unit if used in the percent leaking valves calculation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 111: Reporting standards - general
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.182(a), Subpart H

Item 111.1:

This Condition applies to Emission Unit: A-PAREA

Process: AT3

Emission Source: MF102

Item 111.2:

Each owner/operator shall submit the following reports:

- 1) An initial notification report
- 2) A Notification of Compliance Status report
- and 3) Periodic reports

Condition 112: Reporting requirements - periodic reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.182(d), Subpart H

Item 112.1:

This Condition applies to Emission Unit: A-PAREA

Process: AT3

Emission Source: MF102

Item 112.2:

A periodic report shall be submitted semiannually starting six months after the Notification of Compliance Status report. The first report shall cover the previous six months after the compliance date and each subsequent report shall cover the six month period following the preceding period.

The periodic report shall include the following information:

- 1) For each process unit, the following information during the previous six-month period:
 - i) The number of valves for which leaks were detected, the percent leakers, and the total number of valves monitored,
 - ii) The number of valves for which leaks were not repaired, identifying the number of those that are determined nonrepairable,
 - iii) The number of pumps for which leaks were detected, the percent leakers, and the total



number of pumps monitored,

iv) The number of pumps for which leaks were not repaired,

v) The number of compressors for which leaks were detected,

vi) The number of compressors for which leaks were not repaired,

vii) The number of agitators for which leaks were detected,

viii) The number of agitators for which leaks were not repaired,

ix) The number of connectors for which leaks were detected, the percent of connectors leaking, and the total number of connectors monitored,

x) The number of connectors for which leaks were not repaired, identifying the number of those that are determined nonrepairable,

xi) The facts that explain any delay of repairs and, where appropriate, why a process unit shutdown was technically infeasible, and

xii) The results of all monitoring to show compliance with the 500 ppm above background thresholds.

Condition 113: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 113.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 113.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Condition 114: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(a), Subpart F



Item 114.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 114.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 115: Scheduling of initial performance tests
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 115.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 115.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 116: Waiver of performance test
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 116.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 116.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 117: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F



Item 117.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 117.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 118: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.103(c)(2), Subpart F

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT4

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

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 119: Submittal of reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 119.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 119.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 120: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.119(e), Subpart G

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT4



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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner/operator of each closed vent system and control device for storage vessels shall design and operate the control device to reduce inlet emissions of total organic HAP by 95% or greater.

Periods of planned routine maintenance of the control device, during which the control device will not meet the percent reduction requirement above, shall not exceed 240 hours per year. Compliance with this provision shall be demonstrated by submitting with each periodic report as required by 40CFR63.152(c), a description of the planned routine maintenance anticipated for the next 6 months including the type of maintenance necessary, planned frequency, and lengths of maintenance periods, along with a description of the maintenance performed within the last 6 months including the type of maintenance and the total number of hours that the control device did not meet the percent reduction requirement above.

To demonstrate compliance, the owner/operator shall either prepare a design evaluation or submit the results of a performance test. The design evaluation shall include documentation demonstrating that the control device being used achieves the required control efficiency during reasonably expected maximum filling rate. This documentation shall include a description of the gas stream which enters the control device, including flow and organic HAP content under varying liquid level conditions, and the information specified in 40CFR63.120(d)(1)(i)(A) through (E), as applicable.

The performance test must demonstrate that the control device achieves greater than or equal to the required control efficiency specified above and shall be submitted with the Notification of Compliance Status report as required by 40CFR63.151(b). The owner/operator in this case shall also submit identification of the emission points that share the control device with the storage vessel and for which the performance test will be conducted.

The owner/operator shall submit a monitoring plan with the Notification of Compliance Status report as required by 40CFR63.151(b) containing a description of the parameter of parameters to be monitored to ensure that the control



device is being properly operated and maintained, an explanation of the criteria used for selection of that parameter, the operating range for each parameter, and the frequency with which monitoring will be performed. If the owner/operator wishes to submit the results from a performance test, an identification of the storage vessel, control device, and emission point(s) that share the control device shall also be submitted.

Parameter Monitored: HAP

Lower Permit Limit: 95 percent reduction by weight

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 121: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.123(a), Subpart G

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: AT4

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 122: Periodic reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.152(c)(1), Subpart G



Item 122.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 122.2:

The owner/operator shall submit periodic reports containing the information listed in §63.152(c)(2)-(4). These shall be submitted semi-annually no later than 60 calendar days after the end of each 6-month period. The first report shall be submitted no later than 8 months after the date the Notification of Compliance Status (NoCS) is due and shall cover the 6-month period beginning on the date the NoCS is due.

Condition 123: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.152(d)(1), Subpart G

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT4

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

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 124: Startup, shutdown, malfunction operational standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 124.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 124.2:

The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does



not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Condition 125: Applicability of General Provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 125.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 125.2:

Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 126: Scheduling of initial performance tests
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 126.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 126.2:

Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 127: Waiver of performance test
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 127.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5



Item 127.2:

Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 128: Record retention*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 128.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 128.2:

All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time specified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 129: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(c)(2), Subpart F

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA



Process: AT5

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

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 a control device to a backup control device, 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.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 130: Submittal of reports

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 130.1:



This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 130.2:

All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 131: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.123(a), Subpart G

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT5

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

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 132: Equipment Leaks Applicability and Overlap with Other Rules
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.160, Subpart H

Item 132.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5



Item 132.2:

(a) The provisions of 40 CFR 63, Subpart H apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references Subpart H.

(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:

- (1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.
- (2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.

(c) If a process unit subject to the provisions of subpart H has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section.

- (1) 40 CFR part 60, subpart VV, GGG, or KKK;
- (2) 40 CFR part 61, subpart F or J; or
- (3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB.

(d) The provisions in 40 CFR § 63.1(a)(3) of subpart A do not alter the provisions in paragraph (b) of this section.

(e) Except as provided in any subpart that references subpart H, lines and equipment not containing process fluids are not subject to the provisions of this subpart. Utilities, and other non-process lines, such as heating and cooling systems which do not combine their materials with those in the processes they serve, are not considered to be part of a process unit.

(f) The provisions of this subpart do not apply to research and development facilities or to bench-scale batch processes, regardless of whether the facilities or processes are located at the same plant site as a process subject to the provisions of this subpart.

Condition 133: General standards - identification of equipment
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.162(c), Subpart H

Item 133.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 133.2:

Each piece of equipment to which Subpart H applies shall be identified such that it can be



distinguished readily from equipment that is not subject to Subpart H. This does not require physical tagging, but may be identified on a plant site plan, log entries, or by designation of process unit boundaries by some form of weatherproof identification.

Condition 134: General standards - Detection of leaks in pumps, connectors, closed vent systems and control devices, agitators, and compressors
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 134.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 134.2:

When a leak is detected as specified in 40CFR63.163, 164, 169, 172, 173, and 174, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification which has been placed on equipment determined to have a leak, except for a connector that is subject to the provisions of 40CFR63.174(c)(1)(i), may be removed after it is repaired.

Condition 135: General standards - detection of leaks in valves
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 135.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5

Item 135.2:

When each leak is detected as specified in 40CFR63.168 and 169, a weatherproof and readily visible identification, marked with the equipment number, shall be attached to the leaking equipment. The identification on a valve may be removed after it has been monitored as specified in 40CFR63.168(f)(3), and 63.175(e)(7)(i)(D), and no leak has been detected during the follow-up monitoring.

Condition 136: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.170, Subpart H

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT5

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

Item 136.2:



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each surge control vessel or bottoms receiver that is not routed back to the process and that meets the conditions specified in table 2 or 3 of Subpart H shall be equipped with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements in §63.172, or shall comply with the requirements of §63.119(b) or (c) of Subpart G.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 137: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 137.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5 Emission Source: M305A

Item 137.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

**Condition 138: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 138.1:

This Condition applies to Emission Unit: A-PAREA
Process: AT5 Emission Source: MS301

Item 138.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

**Condition 139: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA



Process: BIF

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The (BIF) Hot Oil Furnace burns waste fuels, fuel oil and natural gas. VOC's are introduced to the BIF at a rate of 79 lbs/hr. Part 212.10 requires 81% control. The BIF has demonstrated a DRE of 99.99% with toluene ensuring compliance with VOC RACT. Records must be maintained that show the hours of operation of the BIF.

Monitoring Frequency: HOURLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 140: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Process: BIF

Emission Source: 00284

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 140.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX EMISSIONS WILL BE CALCULATED USING A CERTIFIED NOX, CONTINUOUS EMISSION MONITORING SYSTEM. THIS CEMS WILL BE OPERATIONAL WHEN AS-254 STARTS UP AND SHALL BE ACCURATE WITHIN +OR- 2%.

Manufacturer Name/Model Number: TO BE DETERMINED

Reference Test Method: CFR APPX B AND F

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



performance test results, and by inspections.

(b)(1) An owner or operator may request a determination of alternative means of emission limitation to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart as provided in § 63.177.

(2) If the Administrator makes a determination that a means of emission limitation is a permissible alternative to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart, the owner or operator shall comply with the alternative.

(c) See separate permit condition.

(d) Equipment that is in vacuum service is excluded from the requirements of this subpart.

(e) Equipment that is in organic HAP service less than 300 hours per calendar year is excluded from the requirements of §§ 63.163 through 63.174 of this subpart and § 63.178 of this subpart if it is identified as required in § 63.181(j) of this subpart.

(f) See separate permit condition.

(g) Except as provided in paragraph (g)(1) of this section, all terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), refer to the standard calendar periods unless specified otherwise in the section or subsection that imposes the requirement.

(1) If the initial compliance date does not coincide with the beginning of the standard calendar period, an owner or operator may elect to utilize a period beginning on the compliance date, or may elect to comply in accordance with the provisions of paragraphs (g)(2) or (g)(3) of this section.

(2) Time periods specified in this subpart for completion of required tasks may be changed by mutual agreement between the owner or operator and the Administrator, as specified in subpart A of this part. For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

(3) Except as provided in paragraph (g)(1) or (g)(2) of this section, where the period specified for compliance is a standard calendar period, if the initial compliance date does not coincide with the beginning of the calendar period, compliance shall be required according to the schedule specified in paragraphs (g)(3)(i) or (g)(3)(ii) of this section, as appropriate.

(i) Compliance shall be required before the end of the standard calendar period within which the compliance deadline occurs, if there remain at least 3 days for tasks that must be performed weekly, at least 2 weeks for tasks that must be performed monthly, at least 1 month for tasks that must be performed each quarter, or at least 3 months for tasks that must be performed annually; or

(ii) In all other cases, compliance shall be required before the end of the first full standard calendar period after the period within which the initial compliance deadline occurs.



(4) In all instances where a provision of this subpart requires completion of a task during each of multiple successive periods, an owner or operator may perform the required task at any time during each period, provided the task is conducted at a reasonable interval after completion of the task during the previous period.

(h) In all cases where the provisions of this subpart require an owner or operator to repair leaks by a specified time after the leak is detected, it is a violation of this subpart to fail to take action to repair the leaks within the specified time. If action is taken to repair the leaks within the specified time, failure of that action to successfully repair the leak is not a violation of this subpart. However, if the repairs are unsuccessful, a leak is detected and the owner or operator shall take further action as required by applicable provisions of this subpart.

Condition 143: General standards - Detection of leaks in pumps, connectors, closed vent systems and control devices, agitators, and compressors
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 143.1:

This Condition applies to Emission Unit: A-PAREA Emission Point: 00282
Process: AT3

Item 143.2:

When a leak is detected as specified in 40CFR63.163, 164, 169, 172, 173, and 174, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification which has been placed on equipment determined to have a leak, except for a connector that is subject to the provisions of 40CFR63.174(c)(1)(i), may be removed after it is repaired.

Condition 144: General standards - detection of leaks in valves
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162(f), Subpart H

Item 144.1:

This Condition applies to Emission Unit: A-PAREA Emission Point: 00282
Process: AT3

Item 144.2:

When each leak is detected as specified in 40CFR63.168 and 169, a weatherproof and readily visible identification, marked with the equipment number, shall be attached to the leaking equipment. The identification on a valve may be removed after it has been monitored as specified in 40CFR63.168(f)(3), and 63.175(e)(7)(i)(D), and no leak has been detected during the follow-up monitoring.

Condition 145: General Leak Standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.162, Subpart H



Item 145.1:

This Condition applies to Emission Unit: A-PAREA Emission Point: 00282
Process: AT5

Item 145.2:

(a) Compliance with subpart H will be determined by review of the records required by § 63.181 of this subpart and the reports required by § 63.182 of this subpart, review of performance test results, and by inspections.

(b)(1) An owner or operator may request a determination of alternative means of emission limitation to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart as provided in § 63.177.

(2) If the Administrator makes a determination that a means of emission limitation is a permissible alternative to the requirements of §§ 63.163 through 63.170, and §§ 63.172 through 63.174 of this subpart, the owner or operator shall comply with the alternative.

(c) See separate permit condition.

(d) Equipment that is in vacuum service is excluded from the requirements of this subpart.

(e) Equipment that is in organic HAP service less than 300 hours per calendar year is excluded from the requirements of §§ 63.163 through 63.174 of this subpart and § 63.178 of this subpart if it is identified as required in § 63.181(j) of this subpart.

(f) See separate permit condition.

(g) Except as provided in paragraph (g)(1) of this section, all terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), refer to the standard calendar periods unless specified otherwise in the section or subsection that imposes the requirement.

(1) If the initial compliance date does not coincide with the beginning of the standard calendar period, an owner or operator may elect to utilize a period beginning on the compliance date, or may elect to comply in accordance with the provisions of paragraphs (g)(2) or (g)(3) of this section.

(2) Time periods specified in this subpart for completion of required tasks may be changed by mutual agreement between the owner or operator and the Administrator, as specified in subpart A of this part. For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

(3) Except as provided in paragraph (g)(1) or (g)(2) of this section, where the period specified for compliance is a standard calendar period, if the initial compliance date does not coincide with the beginning of the calendar period, compliance shall be required according to the schedule specified in paragraphs (g)(3)(i) or (g)(3)(ii) of this section, as appropriate.

(i) Compliance shall be required before the end of the standard calendar period within



Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 147: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.11(b)(5)

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

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

Item 147.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CEM certification testing: A protocol shall be submitted within 90 days after the source(AS-254) is started up. Certification testing shall be conducted not later than 45 days after approval of the protocol. A NYSDEC witness shall be present during testing. A 30 day advance notice must be provided to the witness. Within 30 days after completion of the test, the test report must be submitted. Testing shall be in accordance with 40 CFR 60 Appendix B and Section 4 Air Guide 34 (dated 4/1/95).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 148: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.11(b)(5)

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

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

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

A CEMS for measuring NO_x shall be installed, calibrated, maintained and operated and the output shall be recorded when source (AS-254) is operating. The procedures under 40 CFR 60, Appendix B and Air Guide 34 (dated 4/1/95) shall be followed for the operation of the CEMS.

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 1/30/2003.

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

Condition 149: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-2.4(a)(2)

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE

Item 149.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Waste fuel B-3 must meet the definition in Air Guide 17 (dated 6/22/89), Section I. B. Sampling and analysis shall be performed in accordance with the facility's Sampling and Analysis Plan.

Process Material: WASTE OIL

Parameter Monitored: CHLORINE

Upper Permit Limit: 5000 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 150: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date



Applicable Federal Requirement:6NYCRR 225-2.4(a)(4)

Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Quarterly CEM audits shall be performed in accordance with 40 CFR 60, Appendix F and Air Guide 34 (dated 4/1/95), Section 9. Following each calendar semiannual period, the facility shall tabulate and summarize applicable emission, monitoring and operating parameter measurements recorded during the preceding six months and the results of the quarterly audits in accordance with Air Guide 34, Section 10. Such semiannual reports shall be submitted within 30 days after the end of each calendar semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 151: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-2.4(a)(4)

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 151.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Per Air Guide 17(dated 6/22/89), Section IV, any source burning Waste Fuel B (except B-1) must monitor flue gas



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 153: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-2.4(a)(4)

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 153.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A CEM System Design and Installation Plan shall be submitted to the Department within 90 days of unit (AS-254) startup. The Plan shall be in accordance with Section 3 of Air Guide 34 (dated 4/1/95).

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 154: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-2.7(a)

Item 154.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

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

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall sample, analyze and measure waste fuel received and/or fired at the facility in accordance with the facility's sampling and analysis plan. The facility shall maintain records of quantities of waste fuel B received and the names and addresses of waste fuel B suppliers for three calander years.



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 1/30/2003.

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

Condition 155: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-2.7(e)

Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

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

Item 155.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Sampling and analysis of waste fuel must be carried out
in accordance with applicable rules and statutes.

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 1/30/2003.

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

Condition 156: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 50

Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00284

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 156.2:

Compliance Certification shall include the following monitoring:

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



Monitoring Description:

Lead content of Waste Fuel B-3 limited to insure compliance with the National Ambient Air Quality Standard (NAAQS) for lead. The intersection of physical stack height and firing rate of the source falls in the PERMISSIBLE section of Figure 1 Air Guide 17. This figure is based on a 250 ppm lead content waste fuel. Sampling and analysis shall be performed in accordance with the facility's Sampling and Analysis Plan.

Process Material: WASTE OIL

Parameter Monitored: LEAD

Upper Permit Limit: 250 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 157: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Emission Point: 00284

Process: BIF

Emission Source: 00284

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 157.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow,



rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

**Condition 158: Requirements for boilers/process heaters used to comply with process vent standards
Effective between the dates of 09/25/2002 and Permit Expiration Date**



Applicable Federal Requirement:40CFR 63.113(b), Subpart G

Item 158.1:

This Condition applies to Emission Unit: A-PAREA Emission Point: 01212

Item 158.2:

If a boiler or process heater is used to comply with the percent reduction requirements as listed in §63.113(a)(2), then the vent stream shall be introduced into the flame zone of the boiler or process heater.

Condition 159: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.114(d)(2), Subpart G

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

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

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is using a vent system that contains bypass lines that could divert a vent stream away from a control device used to comply with the process vent control requirements listed in §63.113(a)(1) or (a)(2), the facility shall secure the bypass line valve in the non-diverting position with a carseal or lock-and-key type configuration. A visual inspection of the seal or closure mechanism shall be performed at least once every month to ensure that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 160: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.117(a)(4)(iii), Subpart G

Item 160.1:

The Compliance Certification activity will be performed for:



Emission Unit: A-PAREA

Emission Point: 01212

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 160.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility has process vents that are classified as Group 1, and if the facility is using a process heater or boiler to comply with the 98% reduction or 20 ppm requirements as specified in §63.113(a)(2), then the facility shall keep up-to-date and readily accessible records of a description of the location at which the vent stream is introduced into the boiler or process heater.

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 1/30/2003.

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

Condition 161: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Emission Point: 01252

Process: AT5

Emission Source: M305B

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 161.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

81% control must be maintained as required by RACT. The carbon bed shall be checked for breakthrough monthly. If breakthrough has occurred as measured by a FID reading in excess of 10 ppm, the unit will be changed-out within 5 days of breakthrough detection. Averaging method is an annual method.



Parameter Monitored: CONCENTRATION
Upper Permit Limit: 10 parts per million (by volume)
Reference Test Method: METHOD 21
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 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 162: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 162.1:

This Condition applies to Emission Unit: A-PAREA Emission Point: 01268
Process: AT1 Emission Source: 01268

Item 162.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 163: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: C-XPRSS Emission Point: 05000
Process: CXP Emission Source: 05000

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

Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The carbon bed shall be checked for breakthrough monthly (as indicated by a portable FID reading in excess of 10 ppm). If breakthrough has occurred, the unit will be changed out within 5 days of breakthrough detection. Since the VOC ERP is > 3 lbs/hr, 81 % control is required by RACT. Averaging method is an annual average.

Lower Permit Limit: 81 percent
Reference Test Method: Meth. 21



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 164: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: C-XPRSS

Emission Point: 05004

Process: CXP

Emission Source: C5004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 164.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be



indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 165: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: C-XPRSS

Emission Point: 05005

Process: CXP

Emission Source: 05005

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 165.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY



Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 2-3: Compliance Certification
Effective between the dates of 04/22/2005 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 226

Item 2-3.1:

The Compliance Certification activity will be performed for:

Emission Unit: D-GREAS

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

Item 2-3.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers
(For Title V prior to 01/01/2004)

A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C. Prior to January 1, 2004, compliance with this requirement is not mandatory if compliant solvents are not readily available. On or after January 1, 2004, the person conducting solvent metal cleaning must use compliant solvents.



B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
 - (a) the name and address of the solvent supplier;
 - (b) the type of solvent including the product or vendor identification number; and
 - (c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).
- (8) Include in the semiannual monitoring report and annual compliance certifications (required of all permittees subject to Title V) the solvent consumption required under (5) above, as well as a statement that the permittee's obligations under items (1) through (7) above have been met for the period of the report or certification.. This statement must be based on the permittees observations on a daily basis that the operation of the solvent metal



cleaning process has met the above criteria. The permittee must maintain a log of instances when the above have not been met, and such statement must summarize these instances.

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 7/30/2005.

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

Condition 196: Compliance Dates
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(d), Subpart JJJ

Item 196.1:

This Condition applies to Emission Unit: G-ELBLG
Process: GFE

Item 196.2:

Notwithstanding paragraphs (d)(1) through (5) of this section, existing affected sources whose primary product, as determined using the procedures specified in Sec. 63.1310(f), is PET shall be in compliance with Sec. 63.1331 no later than August 27, 2001.

Condition 197: Part 63 General Provisions requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(f), Subpart JJJ

Item 197.1:

This Condition applies to Emission Unit: G-ELBLG
Process: GFE

Item 197.2:

Owners or operators of affected sources subject to 40CFR63 Subpart JJJ must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart JJJ. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 198: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 198.1:

The Compliance Certification activity will be performed for:



Emission Unit: G-ELBLG
Process: GPV

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

Item 198.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include



pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 199: Part 63 General Provisions requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(f), Subpart JJJ

Item 199.1:

This Condition applies to Emission Unit: G-ELBLG
Process: GPV

Item 199.2:

Owners or operators of affected sources subject to 40CFR63 Subpart JJJ must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart JJJ. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 200: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 200.1:

The Compliance Certification activity will be performed for:

Emission Unit: G-ELBLG
Process: GSH

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

Item 200.2:



Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.



Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 201: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 201.1:

The Compliance Certification activity will be performed for:

Emission Unit: G-ELBLG
Process: GVR

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

Item 201.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS FOR
PRESENCE OF COMBUSTION DEVICE FLAME
CONTINUOUSLY.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 202: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 202.1:

The Compliance Certification activity will be performed for:

Emission Unit: G-ELBLG
Process: GVR



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

Item 202.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS FOR
PRESENCE OF COMBUSTION DEVICE FLAME
CONTINUOUSLY.

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 203: Part 63 General Provisions requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(f), Subpart JJJ

Item 203.1:

This Condition applies to Emission Unit: G-ELBLG
Process: GVR

Item 203.2:

Owners or operators of affected sources subject to 40CFR63 Subpart JJJ must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart JJJ. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 169: Requirements for boilers/process heaters used to comply
with process vent standards
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.113(b), Subpart G

Item 169.1:

This Condition applies to Emission Unit: H-IPSBG

Item 169.2:

If a boiler or process heater is used to comply with the percent reduction requirements as listed in §63.113(a)(2), then the vent stream shall be introduced into the flame zone of the boiler or process heater.

Condition 170: Part 63 General Provisions requirements



Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(f), Subpart JJJ

Item 170.1:

This Condition applies to Emission Unit: H-IPSBG

Item 170.2:

Owners or operators of affected sources subject to 40CFR63 Subpart JJJ must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart JJJ. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 171: Emission standards

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1313(a), Subpart JJJ

Item 171.1:

This Condition applies to Emission Unit: H-IPSBG

Item 171.2:

The owner/operator shall comply with the following provisions where applicable:

§63.1314 for storage vessels

§63.1315, or §§63.1316-63.1320 for continuous process vents

§63.1321 for batch process vents

§63.1328 for heat exchangers

§63.1329 for process contact cooling towers

§63.1330 for wastewater

§63.1331 for equipment leaks

§63.1333 for additional test methods and procedures

§63.1334 for parameter monitoring levels and excursions

§63.1335 for general reporting and recordkeeping requirements

Condition 172: Monitoring provisions for polystyrene production

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1317, Subpart JJJ

Item 172.1:

This Condition applies to Emission Unit: H-IPSBG

Item 172.2:

Continuous process vents using a control or recovery device to comply with §63.1316 shall comply with the applicable monitoring provisions specified for continuous process vents in §63.1315(a), except that references to group determinations (i.e., total resource effectiveness) do not apply



and owners or operators are not required to comply with §63.113.

Condition 173: Recordkeeping provisions for polystyrene production
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1319(a), Subpart JJJ

Item 173.1:

This Condition applies to Emission Unit: H-IPSBG

Item 173.2:

Except as provided in §63.1319(b) and (c), if the facility is using a control or recovery device to comply with §63.1316, the facility shall comply with the appropriate recordkeeping provisions specified in §63.1315, except that, for the purposes of this condition, references to group determinations (i.e., total resource effectiveness) do not apply, and the facility is not required to comply with §63.113.

Condition 174: Reporting provisions for polystyrene production
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1320(a), Subpart JJJ

Item 174.1:

This Condition applies to Emission Unit: H-IPSBG

Item 174.2:

Except as specified in §63.1320(b), owners and operators using a control or recovery device to comply with §63.1316 shall comply with the applicable reporting provisions specified in §63.1315, except that, for the purposes of this paragraph (a), references to group determinations (i.e., total resource effectiveness) do not apply, and owners or operators are not required to comply with §63.113.

Condition 175: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1335, Subpart JJJ

Item 175.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 175.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless otherwise specified, copies of all applicable records and reports required by 40CFR63, Subpart JJJ shall



be kept for at least five years. The records shall be maintained in such a manner that they are readily accessible with the latest six months retained on site or accessible from a computer.

The owner/operator shall comply with the applicable recordkeeping and reporting requirements listed in 40CFR63, Subpart A as specified in Table 1 of Subpart JJJ.

These requirements include, but are not limited to the start-up, shutdown, and malfunction plan. The owner/operator shall develop and implement a written start-up, shutdown, and malfunction plan as specified in §63.6(e)(3). This plan shall describe, in detail, procedures for operating and maintaining the affected source during periods of start-up, shutdown, and malfunction and a program for corrective action for malfunctioning process and air pollution control equipment used to comply with Subpart JJJ. Group 2 emission points is not required to be included in the plan, unless these points are included in an emissions average. For equipment leaks subject to §63.1331, the start-up, shutdown, malfunction plan is limited to control devices and is optional for other equipment, and may include written procedures that identify conditions that justify a delay of repair. A provision to cease the collection of monitoring data during a start-up, shutdown, or malfunction that would otherwise be required may be included in the plan only if the owner/operator has demonstrated to the permitting authority, through the precompliance report or a supplement to the precompliance report, that the monitoring system would be damaged or destroyed if it were not shut down during the start-up, shutdown, or malfunction. The plan shall be kept on site and the following records shall be kept with the plan: 1) records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or control devices or recovery devices or continuous monitoring systems used to comply with Subpart JJJ during which excess emissions occur, 2) For each start-up, shutdown, and malfunction during which excess emissions occur, records reflecting whether the procedures specified in the plan were followed, and documentation of actions taken that are not consistent with the plan. Start-up, shutdown, and malfunction reports shall be submitted according the same schedule as the periodic reports required in §63.1335(e)(6) and shall include the information specified in §63.10(d)(5)(i).

If continuous records are required, the owner/operator shall keep them according to the provisions listed in §63.1335(d)(1) through (9). If a monitoring plan for storage vessels pursuant to §63.1314(a)(9) requires continuous records, the monitoring plan shall specify



which provisions, if any, of §63.1335(d)(1) through (7) apply.

In addition to the reports and notifications required by Subpart A of 40CFR63, the owner/operator shall prepare and submit the following reports: 1) the Notification of Compliance Status report as described in §63.1335(e)(5) shall be submitted within 150 operating days of the compliance date, 2) Periodic Reports, as described in §63.1335(e)(6) shall be submitted according to the schedule as listed in §63.1335(e)(6)(i). The periodic reports are due every Jan. 14th and Jul. 14th to cover the periods from May 16 to Nov. 15th and Nov. 16th to May 15th, respectively.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 176: Periodic Reports
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1335(e)(6), Subpart JJJ

Item 176.1:

This Condition applies to Emission Unit: H-IPSBG

Item 176.2:

For existing and new affected sources, the owner or operator shall submit Periodic Reports as specified in paragraphs (e)(6)(i) through (e)(6)(xi) of this section. In addition, for equipment leaks subject to Sec. 63.1331, the owner or operator shall submit the information specified in Sec. 63.182(d) under the conditions listed in Sec. 63.182(d), and for heat exchange systems subject to Sec. 63.1328, the owner or operator shall submit the information specified in Sec. 63.104(f)(2) as part of the Periodic Report required by this paragraph (e)(6). Section 63.1334 shall govern the use of monitoring data to determine compliance for Group 1 emissions points and for Group 1 and Group 2 emission points included in emissions averages with the following exception: As discussed in Sec. 63.1314(a)(9), for storage vessels to which the provisions of Sec. 63.1334 do not apply, as specified in the monitoring plan required by Sec. 63.120(d)(2), the owner or operator is required to comply with the requirements set out in the monitoring plan, and monitoring records may be used to determine compliance.

Condition 177: Compliance schedule and relationship to existing rules*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(c), Subpart JJJ

Item 177.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HFE

Item 177.2:

Existing affected sources shall be in compliance with this subpart (except for Sec. 63.1331



for which compliance is covered by paragraph (d) of this section) no later than June 19, 2001, as provided in Sec. 63.6(c), unless an extension has been granted as specified in paragraph (e) of this section, except that the compliance date for the provisions contained in Sec. 63.1329 is extended to February 27, 2001, for existing affected sources whose primary product, as determined using the procedures specified in Sec. 63.1310(f), is PET using a continuous terephthalic acid high viscosity multiple end finisher process.

The compliance date of February 27, 2001 for the provisions of Sec. 63.1329 for existing affected sources whose primary product, as determined using the procedures specified in 63.1310(f), is PET using a continuous terephthalic acid high viscosity multiple end finisher process is stayed indefinitely. The EPA will publish a document in the Federal Register establishing a new compliance date for these sources.

Condition 178: Compliance Dates
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(d), Subpart JJJ

Item 178.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HFE

Item 178.2:

Notwithstanding paragraphs (d)(1) through (5) of this section, existing affected sources whose primary product, as determined using the procedures specified in Sec. 63.1310(f), is PET shall be in compliance with Sec. 63.1331 no later than August 27, 2001.

Condition 179: Definition of time intervals
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(o), Subpart JJJ

Item 179.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HFE

Item 179.2:

All terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), unless specified otherwise in the section or paragraph that imposes the requirement, refer to the standard calendar periods.

Notwithstanding time periods specified in this subpart for completion of required tasks, such time periods may be changed by mutual agreement between the facility and the Administrator, as specified in subpart A of this part (e.g., a period could begin on the compliance date or another date, rather than on the first day of the standard calendar period). For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

Where the period specified for compliance is a standard calendar period, if the initial



compliance date occurs after the beginning of the period, compliance shall be required according to the schedule specified in one of the two following methods, as appropriate.

(i) Compliance shall be required before the end of the standard calendar period within which the compliance deadline occurs, if there remain at least 3 days for tasks that must be performed weekly, at least 2 weeks for tasks that must be performed monthly, at least 1 month for tasks that must be performed each quarter, or at least 3 months for tasks that must be performed annually; or

(ii) In all other cases, compliance shall be required before the end of the first full standard calendar period after the period within which the initial compliance deadline occurs.

In all instances where a provision of subpart JJJ requires completion of a task during each of multiple successive periods, the facility may perform the required task at any time during the specified period, provided that the task is conducted at a reasonable interval after completion of the task during the previous period.

Condition 180: Heat exchange systems provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1328, Subpart JJJ

Item 180.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HFE

Item 180.2:

The owner/operator shall comply with the applicable provisions listed in §63.104 for all heat exchanger systems, with the differences noted in §63.1328(c) through (h).

Condition 181: Equipment leak provisions
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1331, Subpart JJJ

Item 181.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HFE

Item 181.2:

The owner/operator shall comply with the requirements in 40CFR63, subpart H for equipment leaks, with the differences noted in §63.1331(a)(1) through (13).

Condition 182: Compliance schedule and relationship to existing rules*
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1311(c), Subpart JJJ

Item 182.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HPV

Item 182.2:

Existing affected sources shall be in compliance with this subpart (except for Sec. 63.1331



for which compliance is covered by paragraph (d) of this section) no later than June 19, 2001, as provided

in Sec. 63.6(c), unless an extension has been granted as specified in paragraph (e) of this section, except that the compliance date for the provisions contained in Sec. 63.1329 is extended to February 27, 2001, for existing affected sources whose primary product, as determined using the procedures specified in Sec. 63.1310(f), is PET using a continuous terephthalic acid high viscosity multiple end finisher process.

The compliance date of February 27, 2001 for the provisions of Sec. 63.1329 for existing affected sources whose primary product, as determined using the procedures specified in 63.1310(f), is PET using a continuous terephthalic acid high viscosity multiple end finisher process is stayed indefinitely. The EPA will publish a document in the Federal Register establishing a new compliance date for these sources.

Condition 183: Provisions for continuous process vents
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1315, Subpart JJJ

Item 183.1:

This Condition applies to Emission Unit: H-IPSBG
Process: HPV

Item 183.2:

For each continuous process vent located at an affected source, the owner or operator shall comply with the requirements of §63.113-118, with the differences noted in paragraphs §63.1315(a)(1) through (a)(18) of this section for the purposes of this subpart, except as provided in §63.1315(b)-(e).

Condition 184: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.1316, Subpart JJJ

Item 184.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HPV

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

Item 184.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator shall limit organic HAP emissions from continuous process vents in the collection of material recovery sections within the affected source by complying with one of the following provisions:



- 1) Emissions from all continuous process vents in each individual material recovery section shall, as a whole, not exceed 0.0036 kg organic HAP/Mg of product, or the emissions from all continuous process vents in the collection of material recovery sections within the affected source shall, as a whole, not exceed 0.0036 kg organic HAP/Mg of product,
- 2) As specified in §63.1318(d), the daily average outlet gas stream temperature from each final condenser in a material recovery section shall not exceed -25 degrees C
- 3) Either reduce emissions in a combustion device by 98% by weight or to a concentration of 20ppmv (corrected to 3% oxygen), whichever is less stringent
- 4) Combust the emissions in a boiler or process heater with a design heat input capacity of 150 million Btu/hr or greater by introducing the emissions into the flame zone of the boiler or process heater, or
- 5) Combust the emissions in a flare that complies with the requirements of §63.1333(e).

The owner/operator shall also limit organic HAP emissions from continuous process vents not included in a material recovery section by complying with §63.1315, and limit HAP emissions from all batch process vents by complying with §63.1321.

Compliance can be based on either organic HAP or TOC.

The owner/operator shall not comply with any of the requirements specified in 40CFR60, subpart DDD.

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 1/30/2003.

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

Condition 185: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 185.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG

Process: HSH



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 185.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for



Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 186: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HT3

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

Item 186.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The carbon bed shall be checked for breakthrough monthly (as indicated by a portable FID reading in excess of 10 ppm). If breakthrough has occurred, the unit will be changed out within 5 days of breakthrough detection. Since the VOC ERP is > 3 lbs/hr, 81 % control is required by RACT. Averaging method is an annual average. Toluene is the largest fraction of the VOC emission being controlled by carbon bed.

Lower Permit Limit: 81 percent
Reference Test Method: EPA METHOD 21
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 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 187: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 187.1:

This Condition applies to Emission Unit: H-IPSBG Emission Point: 03001
Process: HT1 Emission Source: 03001

Item 187.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 188: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 188.1:

This Condition applies to Emission Unit: H-IPSBG Emission Point: 03003
Process: HT1 Emission Source: 03003

Item 188.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

Condition 189: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 189.1:

This Condition applies to Emission Unit: H-IPSBG Emission Point: 03004
Process: HT1 Emission Source: 03004

Item 189.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 190: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 190.1:

This Condition applies to Emission Unit: H-IPSBG Emission Point: 03008
Process: HT1 Emission Source: 03008



Item 190.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 191: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 191.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG Emission Point: 03012
Process: HPV Emission Source: 03012

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

Item 191.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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



be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 193: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 193.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HT2

Emission Point: 03032
Emission Source: 03032

Item 193.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 194: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 194.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HT2

Emission Point: 03033
Emission Source: 03033

Item 194.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years.



The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 195: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 195.1:

The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG

Emission Point: 03033

Process: HT2

Emission Source: 03033

Item 195.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 210: Continuous monitors for control equipment.
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.11(b)

Item 210.1:

This Condition applies to Emission Unit: R-ESBLG

Item 210.2:

Owners and/or operators of any source equipped with the following emissions control equipment must install continuous monitors and data recorders for the required parameter by June 1, 1995. Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities. Each monitor must be operated according to a quality assurance program approved by the Department. Alternative monitoring methods may be employed subject to Department approval.

(1) The exhaust gas temperature must be monitored from thermal or catalytic



incinerators.

- (2) The temperature rise across catalytic incinerator beds must be monitored.
- (3) The volatile organic compound outlet concentrations must be monitored from fixed-bed carbon adsorption units.
- (4) The outlet gas temperature must be monitored from refrigerated condensers.
- (5) Other parameters must be monitored if required by conditions on an issued permit.

Condition 211: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.10(c)

Item 211.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Process: RPV

Emission Source: 00403

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 211.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE PROCESS CONTROL SYSTEM CONTINUOUSLY CALCULATES VOC MASS EMISSIONS BY USING PROCESS PARAMETER VALUES. EMISSION CONTROL ENSURES 81% AS REQUIRED BY NYCRR 212 VOC RACT.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 8.62 pounds per hour

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 212: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 212.1:



The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Process: RPV

Emission Source: 00403

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 212.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE PROCESS CONTROL SYSTEM CONTINUOUSLY CALCULATES VOC MASS EMISSIONS BY USING PROCESS PARAMETER VALUES. PROCESS RPV IS LIMITED TO 8.622 LBS/HR AND (37.8 T/Y) OF VOC. TOLUENE EMISSIONS ARE THE MAJOR CONSTITUENT OF THE SOURCE EMISSIONS @ 8.06 LB/HR.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 8.62 pounds per hour

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 213: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 213.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Process: RRX

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 213.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Toluene ERP is 567 lb/hr (for each of the five emission points), 94% (@ the ERP) control is required by table 2, Part 212. Compliance with the VOC RACT control requirement



81% for this source is thereby ensured.

Manufacturer Name/Model Number: TBD
Upper Permit Limit: 33 pounds per hour
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 214: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 214.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RRX

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

Item 214.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Toluene ERP is 567 lb/hr (for each of the five emission points), 94% control is required by table 2, Part 212.
Compliance with the VOC RACT control requirement 81% for this source is thereby ensured.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Reference Test Method: 40 CFR 60 Appendix A
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 215: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 215.1:



The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RSH

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

Item 215.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be



in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 216: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 216.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2 Emission Source: 00417

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

Item 216.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
REFRIGERATED CONDENSER GLYCOL EXIT TEMPERATURE < 35 F WHEN THE TANK IS FILLING ENSURES THAT VOC RACT (81% CONTROL) IS ATTAINED.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 35 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.



The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 217: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 217.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2 Emission Source: 00446

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

Item 217.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT
TEMPERATURE < 35 F WHEN THE TANK IS
FILLING ENSURES THAT VOC RACT (81%
CONTROL) IS ATTAINED.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 35 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 218: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 218.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2 Emission Source: 00448

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

Item 218.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT
TEMPERATURE < 35 F WHEN THE TANK IS
FILLING ASSURES THAT VOC RACT (81%
CONTROL) IS ATTAINED.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 219: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 219.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Process: RT2

Emission Source: 00449

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 219.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT
TEMPERATURE < 35 F WHEN THE TANK IS
FILLING ASSURES THAT VOC RACT (81%
CONTROL) IS ATTAINED.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 220: Compliance Certification



Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 220.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Process: RWS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 220.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

WHEN THE VENTS ARE ROUTED TO THE SCRUBBERS THE PROCESS CONTROL SYSTEM ENSURES THAT WATER SCRUBBER OPERATES WHENEVER METHANOL SCRUBBER IS OPERATING. THE EMISSION CONTROL SYSTEM CONSISTING OF CONDENSERS AND SCRUBBERS IS DESIGNED TO OPERATE AT A CONTROL EFFICIENCY > 81% AS REQUIRED BY NYCRR 212 VOC RACT.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 81 percent

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 221: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Item 221.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00306

Process: RT2

Emission Source: 00306

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 221.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT
TEMPERATURE < 30 F WHEN TANK IS FILLING.
RACT is 81 % control. Maintaining the
glycol temperature less than the upper
limit guarantees 81% control.)

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 30 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 222: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 222.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00310
Process: RT1 Emission Source: 00310

Item 222.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 223: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 223.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00344
Process: RRX Emission Source: 00344

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 223.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall stack test using a NYSDEC approved
protocol and with a NYSDEC witness. The protocol shall be



submitted to the regional office at least 90 days prior to the proposed test date. Coordination with the witness must be made at least 30 days prior to the proposed test date. A NYSDEC witness shall be present during testing (If the witness is unavailable on the agreed upon scheduled test date, the "go-ahead" to test without the witness must be obtained before testing from the Department). A written report of the test shall be submitted to the regional office within 60 days of the test.

Upper Permit Limit: 33 pounds per hour

Reference Test Method: TBD

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 224: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 224.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00403

Process: RPV

Emission Source: 00403

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 224.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE PROCESS CONTROL SYSTEM CONTINUOUSLY CALCULATES TOLUENE MASS EMISSIONS BY USING PROCESS PARAMETER VALUES. Toluene ERP is > 100 lb/hr, 94% control is required by table 2, Part 212. Maintaining toluene emissions less than the upper limit guarantees 94% control.)

Manufacturer Name/Model Number: NA

Upper Permit Limit: 8.06 pounds per hour

Reference Test Method: 40 CFR 60 Appnedix A

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.



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

Condition 225: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 231-2

Item 225.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00403
Process: RPV Emission Source: 00403

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

Item 225.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE PROCESS CONTROL SYSTEM CONTINUOUSLY
CALCULATES TOLUENE MASS EMISSIONS BY
USING PROCESS PARAMETER VALVES. MASS
EMISSIONS

Manufacturer Name/Model Number: NA
Upper Permit Limit: 8.62 pounds per hour
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 226: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 226.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00417
Process: RT2 Emission Source: 00417

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 226.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

REFRIGERATED CONDENSER GLYCOL EXIT TEMPERATURE < 35 F.

Toluene ERP is > 100 lb/hr, 94% (@ the ERP) control is required by table 2, Part 212. Maintaining the refrigerated condenser gas outlet temperature less than 45 F (measure a 35 F glycol exit temperature) when tank is filling guarantees 94% control.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 227: VOL fixed roof storage tank requirements
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(1)

Item 227.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00420

Process: RT1

Emission Source: 00420

Item 227.2:

For a fixed roof storage tank storing volatile organic liquids, the tank must be equipped with an internal floating roof with a liquid-mounted primary seal and gasket fittings or equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-free for other purposes.

Condition 228: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(1)

Item 228.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00420

Process: RT1

Emission Source: 00420

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 228.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT
TEMPERATURE < 39 F WHEN TANK IS FILLING.
THIS EMISSION CONTROL EQUIPMENT ENSURES
COMPLIANCE WITH VOC RACT.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 39 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 229: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 229.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00421

Process: RT2

Emission Source: 00421

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 229.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT TEMPERATURE < 35 F.
Toluene ERP is > 10 lb/hr, 90% control is required by
table 2, Part 212. Maintaining the refrigerated
condenser gas outlet temperature less than 45 F when tank
is filling (measure a 35 F glycol exit temperature). The
current configuration can not meet 90% control, but the
facility has proposed RACT with consideration of an
economic cost/benefit analysis. Maintaining the
refrigerated condenser gas outlet temperature less than
45F (measure 35 F glycol exit temperature) is RACT.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 230: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 230.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00421
Process: RT2 Emission Source: 00421

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

Item 230.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT TEMPERATURE < 35 F.
Part 212.10 requires compliance with VOC RACT (81% control). Maintain the refrigerated condenser gas outlet temperature less than 45 F (measure a 35 F glycol exit temperature when tank is filling. The current configuration can not meet 81% control, but the facility has proposed RACT with consideration of an economic cost/benefit analysis. Maintaining the refrigerated condenser gas outlet temperature less than 45F (measure 35 F glycol exit temperature) is RACT.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 35 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 231: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 231.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00446



Process: RT2

Emission Source: 00446

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 231.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT TEMPERATURE < 35 F.
Toluene ERP is > 100 lb/hr, 94% control (@ the ERP) is
required by table 2, Part 212. Maintaining the
refrigerated condenser gas outlet temperature less than 45
F when the tank is filling (measure a 35 F glycol exit
temperature) when operating the control equipment
guarantees 94% control.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 232: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 232.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00447

Process: RT1

Emission Source: 00447

Item 232.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 233: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 233.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00448

Process: RT2

Emission Source: 00448

Regulated Contaminant(s):



CAS No: 000108-88-3 TOLUENE

Item 233.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT TEMPERATURE < 35 F.
Toluene ERP is > 100 lb/hr, 94% (@ the ERP) control is required by table 2, Part 212. Maintaining the refrigerated condenser gas outlet temperature less than 45 F (measure a 35 F glycol exit temperature) when tank is filling ensures 94% control.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 234: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 234.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 00449

Process: RT2

Emission Source: 00449

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 234.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

REFRIGERATED CONDENSER GYLCOL EXIT TEMPERATURE < 35 F.
Toluene ERP is > 100 lb/hr, 94% (@ the ERP) control is required by table 2, Part 212. . Maintaining the refrigerated condenser gas outlet temperature less than 45 F (measure a 35 F glycol exit temperature) when tank is filling ensures 94% control.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 35 degrees Fahrenheit



Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 235: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 235.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 00459
Process: RT1 Emission Source: 00459

Item 235.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 236: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 236.1:

This Condition applies to Emission Unit: R-ESBLG Emission Point: 01305
Process: RT1 Emission Source: RM607

Item 236.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

Condition 237: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 237.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT1 Emission Source: RM607

Item 237.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required



by paragraph (b) of this section, for at least 2 years.
The record required by paragraph (b) of this section will
be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 238: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 238.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT1

Emission Point: 01305
Emission Source: RM607

Item 238.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each storage vessel as specified
in 40 CFR 60.110b(a) shall keep readily accessible records
showing the dimension of the storage vessel and an
analysis showing the capacity of the storage vessel. Each
storage vessel with a design capacity less than 75 cubic
meters is subject to no provisions of this subpart other
than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 239: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)(1)

Item 239.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2

Emission Point: 01305
Emission Source: RM606

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

Item 239.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Because toluene ERP is > 1 lb/hr, table 2, Part 212 requires that the "degree of air cleaning required shall be specified by the commissioner," so we default to RACT (81%). The current configuration cannot meet 81% control, but the facility has proposed RACT with consideration of an economic cost/benefit analysis. The current configuration is considered RACT

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 240: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 240.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2

Emission Point: 01305
Emission Source: RM606

Item 240.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 241: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 241.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT2

Emission Point: 01305
Emission Source: RM606

Item 241.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 242: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 242.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT3

Emission Point: 01305
Emission Source: RM605

Item 242.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 243: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 243.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT3

Emission Point: 01305
Emission Source: RM605

Item 243.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 244: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 244.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01355
Process: RWS Emission Source: 01355

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 244.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS THE CONTROL EQUIPMENT (CONDENSERS AND SCRUBBERS) CONTINUOUSLY CALCULATING AND RECORDING EMISSION DATA. TOLUENE EMISSIONS ARE CONTROLLED @ 94% (@ the ERP) OVERALL CONTROL EFFICIENCY WHEN THE METHANOL SCRUBBER IS OPERATING.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 94 percent

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 245: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date



Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS THE CONTROL EQUIPMENT (CONDENSERS AND SCRUBBERS) CONTINUOUSLY CALCULATING AND RECORDING EMISSION DATA. TOLUENE EMISSIONS ARE CONTROLLED @ 94% (@ the ERP) OVERALL CONTROL EFFICIENCY WHEN THE METHANOL SCRUBBER IS OPERATING.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 94 percent

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 247: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 247.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 01358

Process: RWS

Emission Source: 01358

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 247.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS THE CONTROL EQUIPMENT (CONDENSERS AND SCRUBBERS) CONTINUOUSLY CALCULATING AND RECORDING EMISSION DATA. TOLUENE EMISSIONS ARE CONTROLLED @ 94% (@ the ERP) OVERALL CONTROL EFFICIENCY WHEN THE METHANOL SCRUBBER IS OPERATING.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 94 percent

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



Item 249.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

WHEN THE VENTS ARE ROUTED TO THE SCRUBBERS THE PROCESS CONTROL SYSTEM ENSURES THAT WATER SCRUBBER IS OPERATING WHENEVER METHANOL SCRUBBER IS OPERATING. METHYL ALCOHOL EMISSIONS ARE CONTROLLED WITH CONDENSERS AND SCRUBBERS @ 99% (@ the ERP) CONTROL EFFICIENCY OVERALL.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 99 percent

Reference Test Method: TBD

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 250: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 250.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 01365

Process: RWS

Emission Source: IVSMS

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 250.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PROCESS CONTROL SYSTEM MONITORS THE CONTROL EQUIPMENT (CONDENSERS AND SCRUBBERS) CONTINUOUSLY CALCULATING AND RECORDING EMISSION DATA. TOLUENE EMISSIONS ARE CONTROLLED @ 99% (@ the ERP) OVERALL CONTROL EFFICIENCY WHEN THE METHANOL SCRUBBER IS OPERATING.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 99 percent



Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 251: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 251.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01366
Process: RPV Emission Source: 01366

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 251.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A continuous calculation employing real-time process variables calculates toluene emissions continuously. Toluene ERP is 65,200 lb/hr, 99% control (652 lb/hr) is required by table 2, Part 212. Maintaining toluene emissions less than the upper limit guarantees 99% control). Part 212.10 VOC RACT is also satisfied with this level of control.

Manufacturer Name/Model Number: NA
Upper Permit Limit: 652 pounds per hour
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 252: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 252.1:

The Compliance Certification activity will be performed for:



Emission Unit: R-ESBLG

Emission Point: 01366

Process: RPV

Emission Source: 01366

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

Item 252.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall stack test using a NYSDEC approved protocol and with a NYSDEC witness. The protocol shall be submitted to the regional office at least 90 days prior to the proposed test date. Coordination with the witness must be made at least 30 days prior to the proposed test date (if the witness is unavailable on the agreed upon scheduled test date, the "go-ahead" to test without the witness must be obtained before testing from the Department). A written report of the test shall be submitted to the regional office within 60 days of the test.

Manufacturer Name/Model Number: NA

Upper Permit Limit: 652 pounds per hour

Reference Test Method: TBD

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-4: Compliance Certification

Effective between the dates of 04/22/2005 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 2-4.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Emission Point: 01379

Process: RT4

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-4.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

MONITOR CARBON BED MONTHLY FOR BREAKTHROUGH (AS MEASURED BY A FID



READING OF 10 PPM OR HIGHER). IF
BREAKTHROUGH OCCURS, THE UNIT WILL BE
CHANGED-OUT WITHIN FIVE DAYS.

Parameter Monitored: VOC
Lower Permit Limit: 81 parts per million (by volume)
Reference Test Method: Method 21
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 253: Continuous monitors for control equipment.
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.11(b)

Item 253.1:

This Condition applies to Emission Unit: S-FSBLG

Item 253.2:

Owners and/or operators of any source equipped with the following emissions control equipment must install continuous monitors and data recorders for the required parameter by June 1, 1995. Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities. Each monitor must be operated according to a quality assurance program approved by the Department. Alternative monitoring methods may be employed subject to Department approval.

- (1) The exhaust gas temperature must be monitored from thermal or catalytic incinerators.
- (2) The temperature rise across catalytic incinerator beds must be monitored.
- (3) The volatile organic compound outlet concentrations must be monitored from fixed-bed carbon adsorption units.
- (4) The outlet gas temperature must be monitored from refrigerated condensers.
- (5) Other parameters must be monitored if required by conditions on an issued permit.

Condition 254: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 254.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG



Process: FEX

Emission Source: C2581

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 254.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

PROCESS CONTROL SYSTEM (PCS) CONTINUOUSLY LOGS PRODUCTION OUTPUT AND INDICATES WHEN TO CHANGE CARBON BEDS (15.3 million pounds or 7650 tons of product produced). MONITORING AND RECORDKEEPING IS AUTOMATED WITHIN THE PCS. VOC ERP > 100 pounds/hr requires 94% control. This percent control will be achieved in both mode 1 and mode 2 as described in the application. Part 212.10 VOC RACT is also satisfied with this level of control.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Manufacturer Name/Model Number: NA

Upper Permit Limit: 7650 tons

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 255: Compliance Certification

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(a)

Item 255.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG

Process: FEX

Emission Source: C2593

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 255.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

Minimum exhaust gas temperature of recuperative thermal oxidizer shall be maintained while the oxidizer is burning vents. This control device also satisfies VOC RACT requirements.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1275 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

**Condition 256: VOL storage tanks less than 10000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(v)

Item 256.1:

This Condition applies to Emission Unit: S-FSBLG Emission Point: 00597
Process: FT1 Emission Source: 00597

Item 256.2:

Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

**Condition 257: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 257.1:

This Condition applies to Emission Unit: S-FSBLG Emission Point: 01571
Process: FT1 Emission Source: 01571

Item 257.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

**Condition 258: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 258.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG Emission Point: 02593



Process: FPV

Emission Source: RECUP

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 258.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date



that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 260: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 260.1:



The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG Emission Point: 02601
Process: FSH

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

Item 260.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A visual emission observation must take place once each week during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per week when the facility operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be



rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. 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.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

**Condition 262: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**



Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 262.1:

This Condition applies to Emission Unit: S-FSBLG Emission Point: 02710
Process: FT1 Emission Source: 02710

Item 262.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

Condition 263: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 263.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG Emission Point: 02710
Process: FT1 Emission Source: 02710

Item 263.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 264: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116b(b), NSPS Subpart Kb

Item 264.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG Emission Point: 02710
Process: FT1 Emission Source: 02710

Item 264.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:



The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 265: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 265.1:

This Condition applies to Emission Unit: S-FSBLG Emission Point: 02756
Process: FT1 Emission Source: 02756

Item 265.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

**Condition 266: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.116b(a), NSPS Subpart Kb

Item 266.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG Emission Point: 02756
Process: FT1 Emission Source: 02756

Item 266.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 267: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date**



Applicable Federal Requirement:40CFR 60.116(b), NSPS Subpart Kb

Item 267.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG
Process: FT1

Emission Point: 02756
Emission Source: 02756

Item 267.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 268: Continuous monitors for control equipment.
Effective between the dates of 09/25/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 212.11(b)

Item 268.1:

This Condition applies to Emission Unit: W-TAREA

Item 268.2:

Owners and/or operators of any source equipped with the following emissions control equipment must install continuous monitors and data recorders for the required parameter by June 1, 1995. Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities. Each monitor must be operated according to a quality assurance program approved by the Department. Alternative monitoring methods may be employed subject to Department approval.

- (1) The exhaust gas temperature must be monitored from thermal or catalytic incinerators.**
- (2) The temperature rise across catalytic incinerator beds must be monitored.**
- (3) The volatile organic compound outlet concentrations must be monitored from fixed-bed carbon adsorption units.**
- (4) The outlet gas temperature must be monitored from refrigerated condensers.**



(5) Other parameters must be monitored if required by conditions on an issued permit.

Condition 269: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(2)(iv)

Item 269.1:

This Condition applies to Emission Unit: W-TAREA
Process: WT1

Item 269.2:

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

Condition 270: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.10(c)

Item 270.1:

The Compliance Certification activity will be performed for:

Emission Unit: W-TAREA Emission Point: 00712
Process: WPV Emission Source: DH712

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

Item 270.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The carbon bed shall be checked monthly for breakthrough (as indicated by an FID reading in excess of 10 ppm). If breakthrough has occurred, the unit will be changed-out within 5 operating days of breakthrough detection.

Parameter Monitored: VOC
Lower Permit Limit: 90 percent
Reference Test Method: METHOD 21
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 271: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.116(a), NSPS Subpart Kb

Item 271.1:

The Compliance Certification activity will be performed for:

Emission Unit: W-TAREA Emission Point: 00723
Process: WT2 Emission Source: 00723

Item 271.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 272: Compliance Certification
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.116(b), NSPS Subpart Kb

Item 272.1:

The Compliance Certification activity will be performed for:

Emission Unit: W-TAREA Emission Point: 00723
Process: WT2 Emission Source: 00723

Item 272.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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 273: Contaminant List

Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 273.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007782-50-5



Name: CHLORINE

CAS No: 0NY100-00-0

Name: HAP

CAS No: 007439-92-1

Name: LEAD

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 0NY998-00-0

Name: VOC

Condition 274: Unavoidable noncompliance and violations
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 274.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.



(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) 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.

Condition 275: Air pollution prohibited
Effective between the dates of 09/25/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 275.1:

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.

New York State Department of Environmental Conservation

Permit ID: 4-0122-00007/00719

Facility DEC ID: 4012200007

