

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 4422800056**



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type Air Title V Facility  
Permit 4-4228-00056/00469

Effective Date: 10/25/2001 Expiration Date: 10/25/2006

Permit Issued To: SCHENECTADY INTERNATIONAL INC  
PO BOX 1046  
SCHENECTADY, NY 12301-1046

Cont THOMAS WINDISH  
SCHENECTADY INTERNATIONAL  
1000 MAIN STREET  
ROTTERDAM JUNCTION, NY 12150  
(518) 347-4318

Facility: SCHENECTADY INTERNATIONAL/ROTT JCT FAC  
1000 MAIN ST RT 5S  
ROTTERDAM JUNCTION, NY 12303

Cont THOMAS WINDISH  
SCHENECTADY INTERNATIONAL  
1000 MAIN STREET  
ROTTERDAM JUNCTION, NY 12150  
(518) 347-4318

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: JOHN H. FELTMAN  
1150 NORTH WESCOTT RD  
SCHENECTADY, NY 12306-2014

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

FINAL



**Notification of Other 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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

**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



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

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

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**Item 3.1:**

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

**Item 3.2:**

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

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

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modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

**\*\*\*\* 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



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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

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PO BOX 1046

SCHENECTADY, NY 12301-1046

Contact: THOMAS WINDISH

SCHENECTADY INTERNATIONAL

1000 MAIN STREET

ROTTERDAM JUNCTION, NY 12150

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Facility:

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Contact: THOMAS WINDISH

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1000 MAIN STREET

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Authorized Activity By Standard Industrial Classification Code:

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**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 Sealing
- 2 Acceptable ambient air quality
- 3 Maintenance of equipment
- 4 Unpermitted Emission Sources
- 5 Unavoidable Noncompliance and Violations
- 6 Emergency Defense
- 7 Recycling and Salvage
- 8 Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 Public Access to Recordkeeping for Title V facilities
- 10 Proof of Eligibility
- 11 Proof of Eligibility
- 12 Applicable Criteria, Limits, Terms, Conditions and Standards
- 13 Cessation or Reduction of Permitted Activity Not a Defense
- 14 Compliance Requirements
- 15 Federally-Enforceable Requirements
- 16 Fees
- 17 Monitoring, Related Recordkeeping and Reporting Requirements
- 18 Permit Revocation, Modification, Reopening, Reissuance or  
Termination, and Associated Information Submission  
Requirements
- 19 Permit Shield
- 20 Property Rights
- 21 Reopening for Cause
- 22 Right to Inspect
- 23 Severability
- 24 Emission Unit Definition
- 25 Compliance Certification
- 26 Compliance Certification
- 27 Compliance Certification
- 28 Permit Exclusion Provisions
- 29 Synthetic minor facility capping provisions.
- 30 Required emissions tests
- 31 Compliance Certification
- 32 Recordkeeping requirements
- 33 Submittal of Episode Action Plans
- 34 Visible emissions limited.
- 35 Sampling and Monitoring
- 36 Open Fires Prohibited at Industrial and Commercial Sites
- 37 Compliance Certification
- 38 Compliance Certification
- 39 Permitting requirements.
- 40 Sale of waste fuel prohibitions.



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- 41 Purchase of waste fuel prohibitions.
- 42 Availability of records for Department inspection.
- 43 Sampling and analysis requirements.
- 44 Corrective action.
- 45 Corrective action.
- 46 Corrective action.
- 47 Corrective action.
- 48 General Standards - marking equipment
- 49 Prohibitions
- 50 Applicability
- 51 Program 3 - applicability
- 52 Facility no longer meets eligibility
- 53 Recycling and Emissions Reduction
- 54 Class I/II recycling and emissions reduction
- 55 Class I/II recycling and emission reduction - required practices
- 56 Class I/II substances recycling and emission reductions -  
reporting and recordkeeping requirements

**Emission Unit Level**

- 57 Emission Point Definition By Emission Unit
- 58 Process Definition By Emission Unit
- 59 Process Permissible Emissions
- 60 Emissions from Existing Sources
- 61 Existing sources - 212.3(b) particulate matter standard.
- 62 Emissions from new emission sources and/or modifications
- 63 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 64 Compliance Certification (EU=0-00001)
- 65 Compliance Certification (EU=0-00001)
- 104 Compliance Certification (EU=0-00001)
- 66 Applicability - located outside Lower Orange County and NYC Metro
- 67 Compliance Certification (EU=0-00001)
- 68 Compliance Certification (EU=0-00001)
- 69 Compliance Certification (EU=0-00001)
- 70 Compliance Certification (EU=0-00001)
- 71 Compliance Certification (EU=0-00001,Proc=001)
- 72 Duration of records maintained.
- 73 This is the optional condition for gas or distillate fired  
midsized boilers. If they opt not to use this method then  
227-2.4(c)(2) applies.
- 74 Applicability of General Provisions of 40 CFR 60 Subpart A
- 75 Compliance Certification (EU=0-00001,Proc=002)
- 76 Exemption from the averaging period.
- 77 Enforceability.
- 78 Compliance Certification (EU=0-00001,Proc=002)
- 79 Enforceability of particulate matter and opacity standards.
- 80 Alternative compliance methods for sulfur dioxide.
- 81 Exemption from sulfur dioxide monitoring requirements.
- 82 Compliance Certification (EU=0-00001,Proc=002)





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- 83 Compliance Certification (EU=0-00001,Proc=002)
- 84 Compliance Certification (EU=0-00001,Proc=002)
- 85 Duration of records maintained.
- 86 This is the optional condition for gas or distillate fired  
midsized boilers. If they opt not to use this method then  
227-2.4(c)(2) applies.
- 87 Applicability of General Provisions of 40 CFR 60 Subpart A
- 88 Compliance Certification (EU=0-00001,Proc=003,ES=B0100)
- 89 Compliance Certification (EU=0-00001,Proc=004,ES=B0100)
- 90 Compliance Certification (EU=0-00001,Proc=005,ES=B0200)
- 91 Compliance Certification (EU=0-00001,Proc=006,ES=B0200)
- 92 Compliance Certification (EU=0-00001,Proc=007,ES=B0100)
- 93 Compliance Certification (EU=0-00001,Proc=007,ES=B0200)
- 94 Compliance Certification (EU=0-00001,Proc=020,ES=B0100)
- 95 Compliance Certification (EU=0-00001,Proc=020,ES=B0200)
- 96 Compliance Certification (EU=0-00001,Proc=028)
- 97 Compliance Certification (EU=0-00001,Proc=028)
- 98 Compliance Certification (EU=0-00001,Proc=028)
- 99 Compliance Certification (EU=0-00001,Proc=028)
- 100 Compliance Certification (EU=0-00001,Proc=028)
- 101 Compliance Certification (EU=0-00001,Proc=028)
- 102 Compliance Certification (EU=0-00001,Proc=028)
- 103 Compliance Certification (EU=0-00001,Proc=028)
- 105 Emissions from Existing Sources
- 106 Existing sources - 212.3(b) particulate matter standard.
- 107 Emissions from new emission sources and/or modifications
- 108 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 109 Compliance Certification (EU=0-00002)
- 110 Compliance Certification (EU=0-00002)
- 193 Compliance Certification (EU=0-00002)
- 111 Applicability - located outside Lower Orange County and NYC Metro
- 112 New sources built after 3/1/93
- 113 Compliance Certification (EU=0-00002)
- 114 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 115 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 116 Applicability of General Provisions of 40 CFR 60 Subpart A
- 117 Monitoring of operations.
- 118 Records of the dimension and capacity of storage vessels
- 119 Startup, shutdown, malfunction operational standards
- 120 Applicability of General Provisions
- 121 Exemption from monitoring of heat exchange system -  
pressurizing coolant water
- 122 Exemptions from heat exchange system monitoring -  
presence of intervening coolant
- 123 Calculation of TRE
- 124 Standards for group 2 process vents



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- 125 Compliance Certification (EU=0-00002,Proc=008)
- 126 Compliance Certification (EU=0-00002,Proc=008)
- 127 Compliance Certification (EU=0-00002,Proc=008)
- 128 Compliance Certification (EU=0-00002,Proc=008)
- 129 Compliance Certification (EU=0-00002,Proc=008)
- 130 Compliance Certification (EU=0-00002,Proc=008)
- 131 VOL storage tanks from 10000 - 20000 gallons
- 132 VOL storage tanks from 10000 - 20000 gallons
- 133 VOL storage tanks from 10000 - 20000 gallons
- 134 VOL storage tanks from 10000 - 20000 gallons
- 135 VOL storage tanks from 10000 - 20000 gallons
- 136 VOL storage tanks from 10000 - 20000 gallons
- 137 Compliance Certification (EU=0-00002,Proc=008,ES=F0422)
- 138 Compliance Certification (EU=0-00002,Proc=008,ES=F0423)
- 139 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 140 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 141 Applicability of General Provisions of 40 CFR 60 Subpart A
- 142 Monitoring of operations.
- 143 Records of the dimension and capacity of storage vessels
- 144 Exemption if TRE is greater than 8.0
- 145 Standards for facility with TRE>1
- 146 Compliance Certification (EU=0-00002,Proc=009)
- 147 Compliance Certification (EU=0-00002,Proc=009)
- 148 Compliance Certification (EU=0-00002,Proc=009)
- 149 Notifications
- 150 Compliance Certification (EU=0-00002,Proc=009)
- 151 Compliance Certification (EU=0-00002,Proc=009)
- 152 Startup, shutdown, malfunction operational standards
- 153 Applicability of General Provisions
- 154 Exemption from monitoring of heat exchange system -  
pressurizing coolant water
- 155 Exemptions from heat exchange system monitoring -  
presence of intervening coolant
- 156 Calculation of TRE
- 157 Standards for group 2 process vents
- 158 Compliance Certification (EU=0-00002,Proc=009)
- 159 Compliance Certification (EU=0-00002,Proc=009)
- 160 Compliance Certification (EU=0-00002,Proc=009)
- 161 Compliance Certification (EU=0-00002,Proc=009)
- 162 Compliance Certification (EU=0-00002,Proc=009)
- 163 Compliance Certification (EU=0-00002,Proc=009)
- 164 VOL storage tanks from 10000 - 20000 gallons
- 165 VOL storage tanks from 10000 - 20000 gallons
- 166 VOL storage tanks from 10000 - 20000 gallons
- 167 VOL storage tanks from 10000 - 20000 gallons
- 168 Compliance Certification (EU=0-00002,Proc=009,ES=F0423)
- 169 212.10 (c)(4)(i) - RACT for major facilities of VOCs.



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- 170 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 171 Applicability of General Provisions of 40 CFR 60 Subpart A
- 172 Monitoring of operations.
- 173 Records of the dimension and capacity of storage vessels
- 174 VOL storage tanks from 10000 - 20000 gallons
- 175 VOL storage tanks from 10000 - 20000 gallons
- 176 VOL storage tanks from 10000 - 20000 gallons
- 177 VOL storage tanks from 10000 - 20000 gallons
- 178 Compliance Certification (EU=0-00002,Proc=010,ES=F0423)
- 179 Compliance Certification (EU=0-00002,Proc=011,ES=BP300)
- 180 Compliance Certification (EU=0-00002,Proc=011,ES=BP300)
- 181 Compliance Certification (EU=0-00002,Proc=011,ES=BP300)
- 182 Applicability of General Provisions of 40 CFR 60 Subpart A
- 183 Compliance Certification (EU=0-00002,Proc=011,ES=BP300)
- 184 Duration of records maintained.
- 185 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 186 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 187 Applicability of General Provisions of 40 CFR 60 Subpart A
- 188 Monitoring of operations.
- 189 Records of the dimension and capacity of storage vessels
- 190 VOL storage tanks from 10000 - 20000 gallons
- 191 VOL storage tanks from 10000 - 20000 gallons
- 192 VOL storage tanks from 10000 - 20000 gallons
- 194 Emissions from Existing Sources
- 195 Existing sources - 212.3(b) particulate matter standard.
- 196 Emissions from new emission sources and/or modifications
- 197 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 198 Compliance Certification (EU=0-00003)
- 199 Compliance Certification (EU=0-00003)
- 240 Compliance Certification (EU=0-00003)
- 200 Applicability - located outside Lower Orange County and NYC Metro
- 201 Compliance Certification (EU=0-00003,Proc=017)
- 202 General Provisions
- 203 Compliance Certification (EU=0-00003,Proc=017)
- 204 Compliance Certification (EU=0-00003,Proc=017)
- 205 Compliance Certification (EU=0-00003,Proc=017)
- 206 Compliance Certification (EU=0-00003,Proc=017)
- 207 Compliance Certification (EU=0-00003,Proc=017)
- 208 Compliance Certification (EU=0-00003,Proc=017)
- 209 Compliance Certification (EU=0-00003,Proc=017)
- 210 Compliance Certification (EU=0-00003,Proc=017)
- 211 Compliance Certification (EU=0-00003,Proc=017)
- 212 Final Compliance date with the Subpart
- 213 Operator training and certification requirements
- 214 Performance Test - compliance with the emission standards



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- 215 Types of performance tests - (1) Comprehensive performance test (cpt)
- 216 Types of performance tests - (2) Confirmatory performance test (ct)
- 217 Limits on operating parameters based on comprehensive performance testing.
- 218 Initial notification that the permittee is subject to subpart EEE
- 219 Compliance Certification (EU=0-00003,Proc=017)
- 220 Compliance Certification (EU=0-00003,Proc=017)
- 221 Compliance Certification (EU=0-00003,Proc=017)
- 222 Compliance Certification (EU=0-00003,Proc=017)
- 223 Compliance Certification (EU=0-00003,Proc=017)
- 224 Compliance Certification (EU=0-00003,Proc=017)
- 225 Compliance Certification (EU=0-00003,Proc=017)
- 226 Compliance Certification (EU=0-00003,Proc=017,ES=B0400)
- 227 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 228 RACT analysis not required for emission points less than 3 lb/hr VOC or NOx
- 229 New sources built after 3/1/93
- 230 Compliance Certification (EU=0-00003,Proc=018)
- 231 Applicability of General Provisions of 40 CFR 60 Subpart A
- 232 Monitoring of operations.
- 233 Records of the dimension and capacity of storage vessels
- 234 Compliance Certification (EU=0-00003,Proc=018,ES=F0424)
- 235 Compliance Certification (EU=0-00003,Proc=018,ES=T0097)
- 236 Compliance Certification (EU=0-00003,Proc=018,ES=T0228)
- 237 Compliance Certification (EU=0-00003,Proc=039)
- 238 Compliance Certification (EU=0-00003,Proc=039)
- 239 Compliance Certification (EU=0-00003,Proc=039,ES=B0400)
- 241 Emissions from Existing Sources
- 242 Existing sources - 212.3(b) particulate matter standard.
- 243 Emissions from new emission sources and/or modifications
- 244 Emissions from new emission sources and/or modifications not specified by Table 2
- 245 Compliance Certification (EU=0-00004)
- 246 Compliance Certification (EU=0-00004)
- 263 Compliance Certification (EU=0-00004)
- 247 Applicability - located outside Lower Orange County and NYC Metro
- 248 Compliance Certification (EU=0-00004)
- 249 Applicability of General Provisions of 40 CFR 60 Subpart A
- 250 Monitoring of operations.
- 251 Records of the dimension and capacity of storage vessels
- 252 Amino/Phenolic Resins MACT
- 253 VOL storage tanks from 10000 - 20000 gallons
- 254 VOL storage tanks from 10000 - 20000 gallons
- 255 VOL storage tanks from 10000 - 20000 gallons
- 256 VOL storage tanks from 10000 - 20000 gallons
- 257 Applicability of General Provisions of 40 CFR 60 Subpart A
- 258 Monitoring of operations.
- 259 Records of the dimension and capacity of storage vessels



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- 260 Startup, shutdown, malfunction operational standards
- 261 Applicability of General Provisions
- 262 Compliance Certification (EU=0-00004,Proc=015)
- 264 Emissions from Existing Sources
- 265 Existing sources - 212.3(b) particulate matter standard.
- 266 Emissions from new emission sources and/or modifications
- 267 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 268 Compliance Certification (EU=0-00005)
- 269 Compliance Certification (EU=0-00005)
- 271 Compliance Certification (EU=0-00005)
- 270 Applicability - located outside Lower Orange County and NYC Metro
- 272 Emissions from Existing Sources
- 273 Existing sources - 212.3(b) particulate matter standard.
- 274 Emissions from new emission sources and/or modifications
- 275 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 276 Compliance Certification (EU=0-00006)
- 277 Compliance Certification (EU=0-00006)
- 303 Compliance Certification (EU=0-00006)
- 278 Applicability - located outside Lower Orange County and NYC Metro
- 279 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 280 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 281 Amino/Phenolic Resins MACT
- 282 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 283 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 284 Startup, shutdown, malfunction operational standards
- 285 Applicability of General Provisions
- 286 Exemption from monitoring of heat exchange system -  
pressurizing coolant water
- 287 Compliance Certification (EU=0-00006,Proc=013)
- 288 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 289 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 290 Amino/Phenolic Resins MACT
- 291 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 292 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 293 Amino/Phenolic Resins MACT
- 294 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 295 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 296 Amino/Phenolic Resins MACT
- 297 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 298 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx



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- 299 Amino/Phenolic Resins MACT
- 300 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 301 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 302 Amino/Phenolic Resins MACT
- 304 Emissions from Existing Sources
- 305 Existing sources - 212.3(b) particulate matter standard.
- 306 Emissions from new emission sources and/or modifications
- 307 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 308 Compliance Certification (EU=0-00007)
- 309 Compliance Certification (EU=0-00007)
- 313 Compliance Certification (EU=0-00007)
- 310 Applicability - located outside Lower Orange County and NYC Metro
- 311 212.10 (c)(4)(i) - RACT for major facilities of VOCs.
- 312 RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx
- 314 Emissions from Existing Sources
- 315 Existing sources - 212.3(b) particulate matter standard.
- 316 Emissions from new emission sources and/or modifications
- 317 Emissions from new emission sources and/or modifications  
not specified by Table 2
- 318 Compliance Certification (EU=0-00008)
- 319 Compliance Certification (EU=0-00008)
- 321 Compliance Certification (EU=0-00008)
- 320 Applicability - located outside Lower Orange County and NYC Metro
- 322 Amino/Phenolic Resins MACT
- 323 Startup, shutdown, malfunction operational standards
- 324 Applicability of General Provisions
- 325 Scheduling of initial performance tests
- 326 Waiver of performance test
- 327 Record retention
- 328 Compliance Certification (EU=0-00009,Proc=021)
- 329 Submittal of reports
- 330 General standards - identification of equipment
- 331 General standards - Detection of leaks in pumps,  
connectors, closed vent systems and control devices,  
agitators, and compressors
- 332 General standards - detection of leaks in valves
- 333 Compliance Certification (EU=0-00009,Proc=021)
- 334 Compliance Certification (EU=0-00009,Proc=021)
- 335 Compliance Certification (EU=0-00009,Proc=021)
- 336 Standards for open-ended valves with double block and bleed system
- 337 Standards for open-ended valves/lines during emergency shutdown
- 338 Compliance Certification (EU=0-00009,Proc=021)
- 339 Delay of repair - general
- 340 Delay of repair for isolated equipment
- 341 Delay of repair - valves, connectors, and agitators



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- 342 Delay of repair - pumps
- 343 Delay of repair beyond process unit shutdown
- 344 General recordkeeping requirements
- 345 Compliance Certification (EU=0-00009,Proc=021)
- 346 Compliance Certification (EU=0-00009,Proc=021)
- 347 Compliance Certification (EU=0-00009,Proc=021)
- 348 Compliance Certification (EU=0-00009,Proc=021)
- 349 Compliance Certification (EU=0-00009,Proc=021)
- 350 Reporting standards - general
- 351 Reporting requirements - periodic reports
- 352 Applicability of 40CFR63 Subpart A - general provisions
- 353 Equipment leak provisions
- 354 Equipment leak standards - Subpart V option
- 355 Compliance Certification (EU=0-00009,Proc=023)
- 356 Compliance Certification (EU=0-00009,Proc=023)
- 357 Compliance Certification (EU=0-00009,Proc=023)
- 358 Compliance Certification (EU=0-00009,Proc=023)
- 359 Compliance Certification (EU=0-00009,Proc=023)
- 360 Standards for valves: exemption for difficult-to-monitor valves
- 361 Compliance Certification (EU=0-00009,Proc=023)
- 362 Standards for delay of repair
- 363 Compliance Certification (EU=0-00009,Proc=023)
- 364 Compliance Certification (EU=0-00009,Proc=025)
- 365 Compliance Certification (EU=0-00009,Proc=025)
- 366 Repair requirements
- 367 Repairing leaking components
- 368 Repair requirements - delay of repair
- 369 Repairs during process unit shutdown
- 370 Develop leak detection and repair plan - Part 236.5(a)
- 371 Implement leak detection and repair plan - part 236.5(b)
- 372 Inspection log requirements - Part 236.5(d)
- 373 Quarterly reports - Part 236.5(e)
- 374 Record information in a log book - Part 236.5(c)

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 375 General Provisions
- 376 Contaminant List
- 377 Air pollution prohibited
- 2821 - PLASTICS MATERIALS AND RESINS
- 2869 - INDUSTRIAL ORGANIC CHEMICALS,NEC

Permit Effective Date: 10/25/2001

Permit Expiration Date: 10/25/2006

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**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 1: Sealing**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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

**Condition 3: Maintenance of equipment**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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





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**Condition 4: Unpermitted Emission Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

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.

**Condition 5: Unavoidable Noncompliance and Violations**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.4**

**Item 5.1:**

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 or certificate issued for the corresponding air contamination source. 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.



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(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.

**Condition 6: Emergency Defense**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

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.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.7**



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**Item 7.1:**

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.

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

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

**Condition 9: Public Access to Recordkeeping for Title V facilities**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.10(b)**

**Item 9.1:**

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.

**Condition 10: Proof of Eligibility**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 10.1:**

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.

**Condition 11: Proof of Eligibility**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 11.1:**

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



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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.

**Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 12.1:**

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

**Item 12.2:**

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 13: Cessation or Reduction of Permitted Activity Not a Defense**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 13.1:**

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.

**Condition 14: Compliance Requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**



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**Item 14.1:**

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 the responsible official, consistent with Section 201-6.3 of Part 201.

**Item 14.2:**

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

**Item 14.3:**

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.

**Condition 15: Federally-Enforceable Requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 15.1:**

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.

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**Condition 16: Fees**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 16.1:**

The permittee shall pay the required fees associated with this permit.

**Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 17.1:**

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

**Condition 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 18.1:**

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 relieve the permittee from the requirement to comply with any condition contained in this permit.

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.

**Condition 19: Permit Shield**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**



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**Item 19.1:**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield. For those facilities for which a permit shield has been granted, 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.

**Condition 20: Property Rights**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 20.1:**

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

**Condition 21: Reopening for Cause**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 21.1:**

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



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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.

**Item 21.2:**

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.

**Item 21.3:**

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.

**Condition 22: Right to Inspect**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 22.1:**

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.

**Condition 23: Severability**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 23.1:**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a



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challenge, the remainder of this permit shall continue to be valid.

**Condition 24: Emission Unit Definition**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 24.1:**

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

Emission Unit: 0-00001

Emission Unit Description:

A NATURAL GAS FIRED BOILER (BOILER 5) WITH A LOW NOX BURNER THAT WILL BURN NO. 2 FUEL OIL AND PART 225-2 WASTE FUEL AS BACKUP FUEL. THE BOILER WILL BE LOCATED IN BUILDING 27 AND WILL VENT THROUGH A SINGLE STACK (EP 00490). TWO ADDITIONAL NATURAL GAS FIRED BOILERS (BOILERS 1 AND 2) THAT WILL BURN NO. 2 FUEL OIL AS A BACKUP FUEL ARE ALSO LOCATED IN BUILDING 27 AND VENT THROUGH THEIR RESPECTIVE BOILER STACKS OR A HEAT EXCHANGER STACK. A PERMIT LIMIT ON THE AMOUNT OF NO. 2 FUEL OIL BURNED WAS ASSIGNED TO QUALIFY THE CONSTRUCTION PROJECT FOR EP 00490 AS A MINOR MODIFICATION WITH RESPECT TO NEW SOURCE REVIEW (NSR) REGULATIONS.

Building(s): BLD27

**Item 24.2:**

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

Emission Unit: 0-00002

Emission Unit Description:

A SEMI CONTINUOUS PROCESS WHICH PRODUCES ALKYLPHENOLS. THIS FACILITY ESSENTIALLY HAS FOUR PROCESSES WHICH REACT AND DISTILL RAW MATERIALS TO CREATE THE FINAL PRODUCT. THIS EMISSION UNIT CONSISTS OF RAW MATERIAL, INTERMEDIATE, AND FINAL PRODUCT STORAGE, REACTORS, DISTILLATION COLUMNS, AND A PROCESS HEATING BOILER. THE DISTILLATION COLUMN CONDENSERS WERE ASSUMED TO BE PART OF THE PROCESS FOR EMISSION ESTIMATION PURPOSES.

Building(s): BLD22  
P300 BOILE



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P300 PAD  
TANK FARM1  
TANK FARM2  
TANK FARM3

**Item 24.3:**

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

Emission Unit: 0-00003

Emission Unit Description:

A LIQUID WASTE INCINERATOR AND LIQUID  
WASTE INCINERATOR STORAGE TANKS.

Building(s): BLD40  
BLD9  
LWI TF  
P300 PAD

**Item 24.4:**

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

Emission Unit: 0-00004

Emission Unit Description:

STORAGE OF RAW MATERIALS USED BY THE  
POLYMER PLANT FOR RESIN PRODUCTION.

Building(s): BLD36  
BLD39  
BLD39 TF  
BLD6  
BLD9  
POLY TANKS

**Item 24.5:**

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

Emission Unit: 0-00005

Emission Unit Description:

BIOLOGICAL AND CHEMICAL WASTEWATER  
TREATMENT FACILITY FOR IN PLANT PROCESS  
WASTEWATER.

Building(s): BLD20  
BLD37  
BLD38  
WASTETANK

**Item 24.6:**

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

Emission Unit: 0-00006

Emission Unit Description:



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BATCH MANUFACTURE OF ALKYLPHENOLS AND OTHER PRODUCTION EQUIPMENT WHICH MANUFACTURES PHENOL/FORMALDEHYDE RESINS AND OTHER INTERMEDIATES AND RESINS. BATCH REACTOR CONDENSERS, EXCEPT FOR EP 00216 (HOLDING TANK H0003) AND EP 00217 (HOLDING TANK H0004), WERE CONSIDERED AS PART OF THE MANUFACTURING PROCESS FOR EMISSION ESTIMATION PURPOSES. VOC EMISSION CAPS WERE ASSIGNED FOR EMISSION POINTS EP 00136 AND EP 00427 TO MAINTAIN MINOR NEW SOURCE REVIEW (NSR) STATUS.

Building(s):     BLD11  
                      BLD15  
                      BLD17  
                      BLD2  
                      BLD3  
                      BLD36  
                      BLD39  
                      BLD4  
                      BLD6  
                      BLD8  
                      BLD9  
                      NUMBLDG

**Item 24.7:**

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

Emission Unit:    0-00007

Emission Unit Description:

PILOT LABORATORY FOR TESTING AND EVALUATING POTENTIAL NEW PRODUCTS, PROVIDE CUSTOMER SERVICE AND LIMITED PRODUCTION ACTIVITIES. BATCH REACTOR CONDENSERS WERE ASSUMED AS PART OF THE PROCESS FOR EMISSION ESTIMATION PURPOSES.

Building(s):     BLD1  
                      BLD34  
                      BLD35  
                      BLD42

**Item 24.8:**

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

Emission Unit:    0-00008

Emission Unit Description:

MISCELLANEOUS ACTIVITIES.



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Building(s): BLD21  
BLD30  
BLD5

**Item 24.9:**

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

Emission Unit: 0-00009

Emission Unit Description:

FUGITIVE EMISSION PROGRAMS DRIVEN BY  
FEDERAL AND STATE REGULATIONS AND A STATE  
CONSENT ORDER. THE LEAK DETECTION AND  
REPAIR PROGRAMS INCLUDE COMPONENTS IN BOTH  
MANUFACTURING AREAS OF THE PLANT (RESIN AND  
P300).

Building(s): NUMBLDG

**Condition 25: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

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

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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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 26: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- 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

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specified in any special permit terms or conditions;  
and  
- such additional requirements as may be specified  
elsewhere in this permit related to compliance  
certification.

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.

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

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/02.  
Subsequent reports are due on the same day each year



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**Condition 27: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records that demonstrate compliance with the following Operational Flexibility Plan shall be maintained in a log.

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.

The log shall be in a format acceptable to the Department.

All records and calculations of the log shall include supporting data, 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) 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):

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(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.

**(B) 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



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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 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

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review the proposed change.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 28: Permit Exclusion Provisions**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.5(g)**

**Item 28.1:**

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 29: Synthetic minor facility capping provisions.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-7.2**

**Item 29.1:**

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



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**Item 29.2:**

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

**Item 29.3:**

On an annual basis, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels that would require the submission of an application for a Title V facility permit, or compliance with an applicable requirement.

**Item 29.4:**

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 30: Required emissions tests**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 30.1:**

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.

**Condition 31: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 31.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY



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

**Condition 32: Recordkeeping requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 32.1:**

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

- (1) a copy of each emission statement submitted to the department; and
  - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 33: Submittal of Episode Action Plans**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 207.**

**Item 33.1:**

An episode action plan must be submitted for approval by the Department in accordance with the requirements of 6NYCRR Part 207. The plan shall contain detailed steps which will be taken by the facility to reduce air contaminant emissions during each stage of an air pollution episode. Once approved, the facility shall take whatever actions are prescribed by the episode action plan when an air pollution episode is in effect.

**Condition 34: Visible emissions limited.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 34.1:**

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

**Condition 35: Sampling and Monitoring**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.11(a)**

**Item 35.1:**



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The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.

**Condition 36: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 215.**

**Item 36.1:**

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.

**Condition 37: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: 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.

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: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 38: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-1.8(a)**

**Item 38.1:**



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The Compliance Certification activity will be performed for the Facility.

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 39: Permitting requirements.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.5(a)**

**Item 39.1:**

Except as provided in subdivision (b) of this section, no person may initiate construction of a new emission source, or modification, or operate an air contamination source in which waste fuel is to be burned until all applicable provisions of this Subpart have been met and the necessary permits to construct and/or certificates to operate may have been issued in accordance with Part 201 of this Title.

**Condition 40: Sale of waste fuel prohibitions.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.6(c)**

**Item 40.1:** No person may sell, offer for sale, deliver or exchange in trade any waste fuel except to a facility meeting the applicable requirements of this Subpart and the regulations promulgated pursuant to article 27, titles 7 and 9 and article 23, title 23 of ECL or to a transporter of waste fuel who is permitted under 6 NYCRR Part 364.

**Condition 41: Purchase of waste fuel prohibitions.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.6(d)**

**Item 41.1:** No owner or operator of a facility proposing to burn waste fuel or transporter of waste fuel



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may purchase, accept delivery, pick up or accept in trade any waste fuel unless the facility is receiving or proposing to burn waste fuel that meets the applicable requirements of this Subpart and the regulations promulgated pursuant to article 27, titles 7 and 9 and article 23, title 23 of the ECL and the transporter of the waste fuel is permitted under 6 NYCRR Part 364.

**Condition 42: Availability of records for Department inspection.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.7(d)**

**Item 42.1:**

Any person required to maintain and retain records pursuant to this section must make such records available for inspection by the commissioner or his representative during normal business hours. Such person(s) must furnish copies of such records to the commissioner or his representative upon request.

**Condition 43: Sampling and analysis requirements.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.7(e)**

**Item 43.1:**

Sampling and analysis of waste fuel samples must be carried out in accordance with methods acceptable to the commissioner.

**Condition 44: Corrective action.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-1.6(a)**

**Item 44.1:**

Any facility found in violation of the provisions of this Part shall not cause, permit, or allow the operation of the affected stationary combustion installation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

**Condition 45: Corrective action.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-1.6(b)**

**Item 45.1:**

The commissioner may seal the affected stationary combustion installation that does not comply with the provisions in subdivision 6 NYCRR 227-1.6(a) within the time provided.



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**Condition 46: Corrective action.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-1.6(c)**

**Item 46.1:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

**Condition 47: Corrective action.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-1.6(d)**

**Item 47.1:**

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

**Condition 48: General Standards - marking equipment**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-1(d), NESHAP Subpart V**

**Item 48.1:**

Each piece of equipment to which Subpart V applies shall be marked in such a manner that it can be distinguished readily from other pieces of equipment that are not subject to Subpart V.

**Condition 49: Prohibitions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.4, Subpart A**

**Item 49.1:**

The facility is required to comply with Part 63 requirements regardless of whether those requirements have been included in a Title V (6NYCRR part 201-6) permit for the source.

Intentional or unintentional concealment of an emission that would otherwise violate a standard is itself a violation.

**Condition 50: Applicability**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 68.10(a), Subpart A**

**Item 50.1:**

**An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under §68.115, shall comply with the requirements of this part no later than the latest of the following dates:**





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- (1) June 21, 1999;
- (2) Three years after the date on which a regulated substance is first listed under §68.130; or
- (3) The date on which a regulated substance is first present above a threshold quantity in a process.

The New York State Department of Environmental Conservation is not implementing the Chemical Accident Prevention Program (Part 68). All questions and plan submittals should be sent to the US Environmental Protection Agency, Region 2, New York City.

**Condition 51: Program 3 - applicability**  
Effective between the dates of 10/25/2001 and 10/25/2006

**Applicable Federal Requirement: 40CFR 68.10(d), Subpart A**

**Item 51.1:**

Program 3 eligibility requirements. A covered process is subject to Program 3 if the process does not meet the requirements of paragraph (b) of §68.10, and if either of the following conditions is met:

- (1) The process is in SIC code 2611, 2812, 2819, 2821, 2865, 2869, 2873, 2879, or 2911; or
- (2) The process is subject to the OSHA process safety management standard, 29 CFR 1910.119.

The New York State Department of Environmental Conservation is not implementing the Chemical Accident Prevention Program (Part 68). All questions and plan submittals should be sent to the US Environmental Protection Agency, Region 2, New York City.

**Condition 52: Facility no longer meets eligibility**  
Effective between the dates of 10/25/2001 and 10/25/2006

**Applicable Federal Requirement: 40CFR 68.10(e), Subpart A**

**Item 52.1:**

If at any time a covered process no longer meets the eligibility criteria of its Program level, the owner or operator shall comply with the requirements of the new Program level that applies to the process and update the Risk Management Plan as provided in §68.190

The New York State Department of Environmental Conservation is not implementing the Chemical Accident Prevention Program (Part 68). All questions and plan submittals should be sent to the US Environmental Protection Agency, Region 2, New York City.

**Condition 53: Recycling and Emissions Reduction**  
Effective between the dates of 10/25/2001 and 10/25/2006

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Item 53.1:**

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR



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Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

**Condition 54: Class I/II recycling and emissions reduction**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 82.154, Subpart F**

**Item 54.1:**

Facilities maintaining, servicing, repairing, or disposing of appliances must comply with the provisions of this section.

**Condition 55: Class I/II recycling and emission reduction - required practices**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 82.156, Subpart F**

**Item 55.1:**

Facilities disposing of appliances, except for small appliances and mechanical vapor compression open vapor compression appliances, must comply with the provisions of this section.

**Condition 56: Class I/II substances recycling and emission reductions - reporting and recordkeeping requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 82.166, Subpart F**

**Item 56.1:**

Facilities who sell or distribute any class I or class II substance for use as a refrigerant must comply

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p0with the provisions of this section.

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

**Condition 57: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 57.1:**

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

Emission Unit: 0-00001

Emission Point: 00019

Height (ft.): 55 Diameter (in.): 42  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD27

Emission Point: 00020

Height (ft.): 55 Diameter (in.): 42  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD27

Emission Point: 00144

Height (ft.): 42 Diameter (in.): 26  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD27

Emission Point: 00490

Height (ft.): 55 Diameter (in.): 48  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD27

**Item 57.2:**

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

Emission Unit: 0-00002

Emission Point: 00130

Height (ft.): 25 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00501

Height (ft.): 35 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00502

Height (ft.): 36 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

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Emission Point: 00503  
Height (ft.): 16 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00504  
Height (ft.): 18 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00505  
Height (ft.): 18 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00506  
Height (ft.): 17 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00507  
Height (ft.): 18 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00508  
Height (ft.): 18 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00509  
Height (ft.): 18 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00510  
Height (ft.): 26 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00511  
Height (ft.): 26 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00512  
Height (ft.): 17 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00513  
Height (ft.): 46 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00514  
Height (ft.): 46 Diameter (in.): 3 NYTMN (km.): 4745.724  
NYTME (km.): 579.733 Building: TANK FARM2

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Emission Point: 00515  
Height (ft.): 17 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00517  
Height (ft.): 40 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00518  
Height (ft.): 40 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00519  
Height (ft.): 4 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00520  
Height (ft.): 29 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00521  
Height (ft.): 14 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00522  
Height (ft.): 14 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00526  
Height (ft.): 34 Diameter (in.): 10  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00528  
Height (ft.): 17 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00531  
Height (ft.): 54 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00534  
Height (ft.): 23 Diameter (in.): 24  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

Emission Point: 00537  
Height (ft.): 15 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

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Emission Point: 00538  
Height (ft.): 15 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00559  
Height (ft.): 15 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM1

Emission Point: 00564  
Height (ft.): 31 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM2

Emission Point: 00570  
Height (ft.): 36 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM3

Emission Point: 00572  
Height (ft.): 36 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM3

Emission Point: 00587  
Height (ft.): 37 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: TANK FARM3

**Item 57.3:**

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

Emission Unit: 0-00003

Emission Point: 00021  
Height (ft.): 73 Diameter (in.): 20  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD40

Emission Point: 00143  
Height (ft.): 42 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00145  
Height (ft.): 42 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00146  
Height (ft.): 45 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00147  
Height (ft.): 21 Diameter (in.): 2



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NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00148

Height (ft.): 42

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00167

Height (ft.): 45

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00168

Height (ft.): 45

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: LWI TF

Emission Point: 00485

Height (ft.): 10

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00487

Height (ft.): 50

Diameter (in.): 42

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD40

Emission Point: 00516

Height (ft.): 19

Diameter (in.): 4

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: P300 PAD

**Item 57.4:**

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

Emission Unit: 0-00004

Emission Point: 00035

Height (ft.): 33

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: POLY TANKS

Emission Point: 00036

Height (ft.): 33

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: POLY TANKS

Emission Point: 00038

Height (ft.): 32

Diameter (in.): 3

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00039

Height (ft.): 2

Diameter (in.): 2

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00040



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Height (ft.): 35                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00041  
Height (ft.): 36                      Diameter (in.): 2  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00042  
Height (ft.): 36                      Diameter (in.): 2  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00043  
Height (ft.): 36                      Diameter (in.): 2  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00077  
Height (ft.): 14                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00078  
Height (ft.): 21                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD36

Emission Point: 00086  
Height (ft.): 33                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00116  
Height (ft.): 47                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00117  
Height (ft.): 46                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD9

Emission Point: 00139  
Height (ft.): 36                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00173  
Height (ft.): 21                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00375  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00376





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Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00377  
Height (ft.): 42                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00378  
Height (ft.): 43                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00379  
Height (ft.): 43                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00380  
Height (ft.): 30                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00381  
Height (ft.): 42                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00382  
Height (ft.): 33                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00383  
Height (ft.): 42                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00399  
Height (ft.): 53                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00400  
Height (ft.): 29                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00401  
Height (ft.): 43                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00402  
Height (ft.): 29                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00403



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Height (ft.): 53                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD39 TF

Emission Point: 00465  
Height (ft.): 8                      Diameter (in.): 1  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD6

Emission Point: 00466  
Height (ft.): 8                      Diameter (in.): 1  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD6

Emission Point: 00477  
Height (ft.): 17                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00478  
Height (ft.): 42                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 0047920  
Height (ft.): 42                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00480  
Height (ft.): 43                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00493  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00494  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00495  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00496  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00497  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00498



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Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00499  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00700  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00701  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00702  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00703  
Height (ft.): 39                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00704  
Height (ft.): 33                      Diameter (in.): 3  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00728  
Height (ft.): 54                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

Emission Point: 00735  
Height (ft.): 26                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD36

Emission Point: 00736  
Height (ft.): 26                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD36

Emission Point: 00737  
Height (ft.): 29                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: BLD36

Emission Point: 00752  
Height (ft.): 54                      Diameter (in.): 4  
NYTMN (km.): 4745.724    NYTME (km.): 579.733    Building: POLY TANKS

**Item 57.5:**



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

Emission Unit: 0-00005

Emission Point: 00235

Height (ft.): 17

Diameter (in.): 6

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD20

Emission Point: 00239

Height (ft.): 15

Diameter (in.): 24

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD20

**Item 57.6:**

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

Emission Unit: 0-00006

Emission Point: 00007

Height (ft.): 37

Diameter (in.): 24

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00008

Height (ft.): 37

Diameter (in.): 12

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00009

Height (ft.): 14

Diameter (in.): 12

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00011

Height (ft.): 47

Diameter (in.): 16

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00012

Height (ft.): 23

Diameter (in.): 6

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00013

Height (ft.): 38

Diameter (in.): 6

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00016

Height (ft.): 34

Diameter (in.): 12

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00023

Height (ft.): 41

Diameter (in.): 18

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD3

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Emission Point: 00024  
Height (ft.): 34 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD3

Emission Point: 00025  
Height (ft.): 22 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD3

Emission Point: 00026  
Height (ft.): 25 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD3

Emission Point: 00100  
Height (ft.): 38 Diameter (in.): 10  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00110  
Height (ft.): 34 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00111  
Height (ft.): 42 Diameter (in.): 16  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00112  
Height (ft.): 42 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00113  
Height (ft.): 43 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00114  
Height (ft.): 46 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00115  
Height (ft.): 42 Diameter (in.): 18  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00121  
Height (ft.): 30 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00122  
Height (ft.): 19 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

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Emission Point: 00123  
Height (ft.): 24 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00132  
Height (ft.): 37 Diameter (in.): 24  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00133  
Height (ft.): 37 Diameter (in.): 12  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00134  
Height (ft.): 40 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00135  
Height (ft.): 42 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00136  
Height (ft.): 40 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00137  
Height (ft.): 60 Diameter (in.): 24  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00138  
Height (ft.): 25 Diameter (in.): 12  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00140  
Height (ft.): 40 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00153  
Height (ft.): 46 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00154  
Height (ft.): 36 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00155  
Height (ft.): 28 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

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Emission Point: 00157  
Height (ft.): 26 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00159  
Height (ft.): 25 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00160  
Height (ft.): 31 Diameter (in.): 20  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00162  
Height (ft.): 18 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00163  
Height (ft.): 26 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00164  
Height (ft.): 37 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00176  
Height (ft.): 43 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00177  
Height (ft.): 34 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00178  
Height (ft.): 26 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00179  
Height (ft.): 24 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00180  
Height (ft.): 45 Diameter (in.): 10  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00181  
Height (ft.): 42 Diameter (in.): 14  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

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Emission Point: 00182  
Height (ft.): 27 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00183  
Height (ft.): 23 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00185  
Height (ft.): 23 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00189  
Height (ft.): 26 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00191  
Height (ft.): 26 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00193  
Height (ft.): 23 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00194  
Height (ft.): 27 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00196  
Height (ft.): 39 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00198  
Height (ft.): 34 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00201  
Height (ft.): 21 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00202  
Height (ft.): 40 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00206  
Height (ft.): 39 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6



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Emission Point: 00207  
Height (ft.): 52 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00208  
Height (ft.): 10 Diameter (in.): 5  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00209  
Height (ft.): 30 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00211  
Height (ft.): 42 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00216  
Height (ft.): 26 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00217  
Height (ft.): 26 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00219  
Height (ft.): 24 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00221  
Height (ft.): 12 Diameter (in.): 12  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00232  
Height (ft.): 31 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00234  
Height (ft.): 13 Diameter (in.): 18  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00242  
Height (ft.): 21 Diameter (in.): 30  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00293  
Height (ft.): 22 Diameter (in.): 18  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD3

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Emission Point: 00349  
Height (ft.): 43 Diameter (in.): 17  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00351  
Height (ft.): 30 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00353  
Height (ft.): 37 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00355  
Height (ft.): 15 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00360  
Height (ft.): 25 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00396  
Height (ft.): 46 Diameter (in.): 6  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD6

Emission Point: 00412  
Height (ft.): 50 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00413  
Height (ft.): 42 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00416  
Height (ft.): 37 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00418  
Height (ft.): 50 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00419  
Height (ft.): 42 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00422  
Height (ft.): 36 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39



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Emission Point: 00424			
Height (ft.): 36	Diameter (in.): 6		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD39	
Emission Point: 00427			
Height (ft.): 36	Diameter (in.): 2		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD39	
Emission Point: 00428			
Height (ft.): 53	Diameter (in.): 13		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD39	
Emission Point: 00429			
Height (ft.): 53	Diameter (in.): 13		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD39	
Emission Point: 00438			
Height (ft.): 25	Diameter (in.): 3		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD6	
Emission Point: 00439			
Height (ft.): 6	Diameter (in.): 24		
		Building: BLD36	
Emission Point: 00445			
Height (ft.): 38	Diameter (in.): 6		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD9	
Emission Point: 00446			
Height (ft.): 58	Diameter (in.): 8		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD9	
Emission Point: 00447			
Height (ft.): 36	Diameter (in.): 3		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD9	
Emission Point: 00450			
Height (ft.): 58	Diameter (in.): 8		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD9	
Emission Point: 00456			
Height (ft.): 15	Diameter (in.): 3		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD39	
Emission Point: 00464			
Height (ft.): 42	Diameter (in.): 2		
NYTMN (km.): 4745.724	NYTME (km.): 579.733	Building: BLD6	

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Emission Point: 00470  
Height (ft.): 18 Diameter (in.): 22  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00471  
Height (ft.): 18 Diameter (in.): 18  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00489  
Height (ft.): 30 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD8

Emission Point: 00491  
Height (ft.): 40 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00492  
Height (ft.): 40 Diameter (in.): 4  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00527  
Height (ft.): 27 Diameter (in.): 10  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD11

Emission Point: 00705  
Height (ft.): 8 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD9

Emission Point: 00707  
Height (ft.): 6 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD39

Emission Point: 00724  
Height (ft.): 1 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD4

Emission Point: 00725  
Height (ft.): 4 Diameter (in.): 10  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD4

Emission Point: 00732  
Height (ft.): 30 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00733  
Height (ft.): 31 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

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Emission Point: 00734  
Height (ft.): 31 Diameter (in.): 3  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00748  
Height (ft.): 31 Diameter (in.): 8  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

Emission Point: 00749  
Height (ft.): 0 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD36

**Item 57.7:**

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

Emission Unit: 0-00007

Emission Point: 00247  
Height (ft.): 20 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00249  
Height (ft.): 20 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00251  
Height (ft.): 21 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00253  
Height (ft.): 20 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00256  
Height (ft.): 4 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00258  
Height (ft.): 20 Diameter (in.): 1  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00259  
Height (ft.): 4 Diameter (in.): 2  
NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00260  
Height (ft.): 18 Diameter (in.): 4



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NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00266

Height (ft.): 9 Diameter (in.): 1

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00269

Height (ft.): 10 Diameter (in.): 2

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00362

Height (ft.): 29 Diameter (in.): 18

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00363

Height (ft.): 29 Diameter (in.): 18

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00443

Height (ft.): 18 Diameter (in.): 1

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00452

Height (ft.): 30 Diameter (in.): 1

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

Emission Point: 00747

Height (ft.): 0 Diameter (in.): 2

NYTMN (km.): 4745.724 NYTME (km.): 579.733 Building: BLD34

**Condition 58: Process Definition By Emission Unit**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 58.1:**

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

Emission Unit: 0-00001

Process: 001

Source Classification Code: 1-02-006-02

Process Description:

NATURAL GAS FIRED BOILER WITH A LOW NOX  
BURNER (BOILER 5).

Emission Source/Control: B0500 - Combustion

Design Capacity: 85.9 million Btu per hour

**Item 58.2:**



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

Emission Unit: 0-00001

Process: 002

Source Classification Code: 1-02-005-02

Process Description:

NO. 2 FUEL OIL FIRED BOILER, BACKUP FUEL,  
LOW SULFUR CONTENT (BOILER 5).

Emission Source/Control: B0500 - Combustion

Design Capacity: 85.9 million Btu per hour

**Item 58.3:**

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

Emission Unit: 0-00001

Process: 003

Source Classification Code: 1-02-006-02

Process Description:

NATURAL GAS FIRED BOILER (CLEAVER BROOKS  
BROILER 1).

Emission Source/Control: B0100 - Combustion

Design Capacity: 50 million Btu per hour

**Item 58.4:**

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

Emission Unit: 0-00001

Process: 004

Source Classification Code: 1-02-005-02

Process Description:

NO. 2 FUEL OIL BOILER, BACKUP FUEL  
(CLEAVER BROOKS, BOILER 1).

Emission Source/Control: B0100 - Combustion

Design Capacity: 50 million Btu per hour

**Item 58.5:**

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

Emission Unit: 0-00001

Process: 005

Source Classification Code: 1-02-006-02

Process Description:

NATURAL GAS FIRED BOILER (CLEAVER BROOKS  
BOILER 2).

Emission Source/Control: B0200 - Combustion

Design Capacity: 50 million Btu per hour



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**Item 58.6:**

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

Emission Unit: 0-00001

Process: 006

Source Classification Code: 1-02-005-02

Process Description:

NO. 2 FUEL OIL BOILER, BACKUP FUEL  
(CLEAVER BROOKS, BOILER 2).

Emission Source/Control: B0200 - Combustion

Design Capacity: 50 million Btu per hour

**Item 58.7:**

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

Emission Unit: 0-00001

Process: 007

Source Classification Code: 1-02-006-02

Process Description:

A HEAT EXCHANGER USED FOR TWO 50 MMBTU/HR  
BOILERS. THE HEAT EXCHANGER HAS ITS OWN  
STACK THROUGH WHICH BOILER EXHAUST CAN BE  
VENTED. NATURAL GAS COMBUSTION.

Emission Source/Control: B0100 - Combustion

Design Capacity: 50 million Btu per hour

Emission Source/Control: B0200 - Combustion

Design Capacity: 50 million Btu per hour

Emission Source/Control: CHX01 - Combustion

**Item 58.8:**

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

Emission Unit: 0-00001

Process: 020

Source Classification Code: 1-02-005-02

Process Description:

A HEAT EXCHANGER USED FOR TWO 50 MMBTU/HR  
BOILERS. THE HEAT EXCHANGER HAS ITS OWN  
STACK THROUGH WHICH BOILER EXHAUST CAN BE  
VENTED. FUEL OIL COMBUSTION.

Emission Source/Control: B0100 - Combustion

Design Capacity: 50 million Btu per hour

Emission Source/Control: B0200 - Combustion

Design Capacity: 50 million Btu per hour





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Emission Source/Control: CHX01 - Combustion

**Item 58.9:**

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

Emission Unit: 0-00001

Process: 028

Source Classification Code: 1-02-013-01

Process Description: P-300 Bottoms (liquid waste) fired boiler.

Emission Source/Control: B0500 - Combustion

Design Capacity: 85.9 million Btu per hour

**Item 58.10:**

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

Emission Unit: 0-00002

Process: 008

Source Classification Code: 3-01-999-99

Process Description:

MANUFACTURE OF OCTYLPHENOLS. PROCESS  
TRAIN INCLUDES RAW MATERIALS, INTERMEDIATE,  
AND FINISHED PRODUCT STORAGE TANKS,  
REACTORS, AND DISTILLATION COLUMNS.

Emission Source/Control: F401C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F402C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F403C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F405C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F406C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F407C - Control

Control Type: CONSERVATION VENT

0 Emission Source/Control: F408C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F409C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F411C - Control



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Control Type: CONSERVATION VENT

Emission Source/Control: F412C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F414C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F415C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F416C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F417C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F418C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F419C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F422C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F423C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F425C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F426C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F427C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F430C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: E0310 - Process

Emission Source/Control: F0401 - Process

Emission Source/Control: F0402 - Process

Emission Source/Control: F0403 - Process

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Emission Source/Control: F0405 - Process  
Emission Source/Control: F0406 - Process  
Emission Source/Control: F0407 - Process  
Emission Source/Control: F0408 - Process  
Emission Source/Control: F0409 - Process  
Emission Source/Control: F0411 - Process  
Emission Source/Control: F0412 - Process  
Emission Source/Control: F0414 - Process  
Emission Source/Control: F0415 - Process  
Emission Source/Control: F0416 - Process  
Emission Source/Control: F0417 - Process  
Emission Source/Control: F0418 - Process  
Emission Source/Control: F0419 - Process  
Emission Source/Control: F0422 - Process  
Emission Source/Control: F0423 - Process  
Emission Source/Control: F0425 - Process  
Emission Source/Control: F0426 - Process  
Emission Source/Control: F0427 - Process  
Emission Source/Control: F0430 - Process  
Emission Source/Control: F0432 - Process  
Emission Source/Control: VP310 - Process

**Item 58.11:**

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

Emission Unit: 0-00002  
Process: 009

Source Classification Code: 3-01-999-99



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Process Description:

MANUFACTURE OF NONYLPHENOLS. PROCESS  
TRAIN CONSISTS OF RAW MATERIAL,  
INTERMEDIATE, AND FINISHED PRODUCT STORAGE  
TANKS, REACTORS, AND DISTILLATION COLUMNS.

Emission Source/Control: F401C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F402C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F403C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F408C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F409C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F416C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F423C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F426C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F427C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F432C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F434C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: E0310 - Process

Emission Source/Control: F0401 - Process

Emission Source/Control: F0402 - Process

Emission Source/Control: F0403 - Process

Emission Source/Control: F0408 - Process

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Emission Source/Control: F0409 - Process

Emission Source/Control: F0416 - Process

Emission Source/Control: F0419 - Process

Emission Source/Control: F0423 - Process

Emission Source/Control: F0426 - Process

Emission Source/Control: F0427 - Process

Emission Source/Control: F0432 - Process

Emission Source/Control: F0434 - Process

Emission Source/Control: F0601 - Process

Emission Source/Control: F0602 - Process

**Item 58.12:**

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

Emission Unit: 0-00002

Process: 010

Source Classification Code: 3-01-999-99

Process Description:

MANUFACTURE OF BUTYLPHENOLS. PROCESS  
TRAIN CONSISTS OF RAW MATERIALS,  
INTERMEDIATE, AND FINISHED PRODUCT STORAGE  
TANKS, REACTORS, AND DISTILLATION COLUMNS.

Emission Source/Control: F402C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F403C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F404C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F408C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F409C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F411C - Control



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Control Type: CONSERVATION VENT

Emission Source/Control: F417C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F419C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F423C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F426C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F428C - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: F435C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F436C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: V435C - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: E0310 - Process

Emission Source/Control: F0402 - Process

Emission Source/Control: F0403 - Process

Emission Source/Control: F0404 - Process

Emission Source/Control: F0408 - Process

Emission Source/Control: F0409 - Process

Emission Source/Control: F0411 - Process

Emission Source/Control: F0417 - Process

Emission Source/Control: F0419 - Process

Emission Source/Control: F0423 - Process

Emission Source/Control: F0426 - Process

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Emission Source/Control: F0428 - Process

Emission Source/Control: F0432 - Process

Emission Source/Control: F0435 - Process

Emission Source/Control: F0436 - Process

**Item 58.13:**

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

Emission Unit: 0-00002

Process: 011

Source Classification Code: 1-02-006-02

Process Description: P300 HOT OIL BOILER COMBUSTING NATURAL GAS.

Emission Source/Control: BP300 - Combustion

Design Capacity: 13.8 million Btu per hour

**Item 58.14:**

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

Emission Unit: 0-00002

Process: 029

Source Classification Code: 3-01-999-99

Process Description:

MANUFACTURE OF HEPTYPHENOL IN A SEMI  
CONTINUOUS PROCESS.

Emission Source/Control: F403C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F404C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F408C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F412C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F418C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: F0403 - Process

Emission Source/Control: F0404 - Process

Emission Source/Control: F0408 - Process

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Emission Source/Control: F0412 - Process

Emission Source/Control: F0418 - Process

Emission Source/Control: F0432 - Process

**Item 58.15:**

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

Emission Unit: 0-00003

Process: 017

Source Classification Code: 5-03-005-03

Process Description:

INCINERATION OF LIQUID ORGANIC WASTES  
INCLUDING SOLVENT AND WATER BASED  
MATERIALS.

Emission Source/Control: B040W - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: B0400 - Incinerator

Design Capacity: 24 million Btu per hour

Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE

Waste Type: HAZARDOUS WASTE

**Item 58.16:**

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

Emission Unit: 0-00003

Process: 018

Source Classification Code: 5-03-005-03

Process Description:

STORAGE OF LIQUID ORGANIC WASTES GENERATED  
ON SITE IN THE LIQUID WASTE INCINERATOR  
(LWI) TANKS.

Emission Source/Control: F424C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: T093C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: T094C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: T095C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: T096C - Control





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Control Type: CONSERVATION VENT

Emission Source/Control: T097C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T098C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T099C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T228C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: F0424 - Process

Emission Source/Control: T0093 - Process

Emission Source/Control: T0094 - Process

Emission Source/Control: T0095 - Process

Emission Source/Control: T0096 - Process

Emission Source/Control: T0097 - Process

Emission Source/Control: T0098 - Process

Emission Source/Control: T0099 - Process

Emission Source/Control: T0228 - Process

**Item 58.17:**

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

Emission Unit: 0-00003

Process: 019

Source Classification Code: 5-03-005-03

Process Description:

STORAGE OF LIQUID WASTES GENERATED OFF  
SITE IN THE LIQUID WASTE INCINERATOR (LWI)  
TANKS.

Emission Source/Control: T093C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T094C - Control  
Control Type: CONSERVATION VENT



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Emission Source/Control: T095C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T096C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T097C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T098C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T099C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T0093 - Process

Emission Source/Control: T0094 - Process

Emission Source/Control: T0095 - Process

Emission Source/Control: T0096 - Process

Emission Source/Control: T0097 - Process

Emission Source/Control: T0098 - Process

Emission Source/Control: T0099 - Process

**Item 58.18:**

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

Emission Unit: 0-00003

Process: 039

Source Classification Code: 3-01-018-99

Process Description: Liquid waste incinerator firing natural gas.

Emission Source/Control: B0400 - Incinerator

Design Capacity: 24 million Btu per hour

Waste Feed Method: LIQUID FEED WITH A SPRAY NOZZLE

Waste Type: HAZARDOUS WASTE

**Item 58.19:**

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

Emission Unit: 0-00004

Process: 014

Source Classification Code: 3-01-830-01

Process Description:

POLYMER DIVISION TANKS - STORAGE FOR



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**PHENOL/FORMALDEHYDE RESIN MANUFACTURE AND  
MISCELLANEOUS USE.**

Emission Source/Control: T009C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T010C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T012C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T014C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T015C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T016C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T018C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T055C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T109C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T146C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T147C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T148C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T149C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T150C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T151C - Control  
Control Type: CONSERVATION VENT



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Emission Source/Control: T152C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T153C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T154C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T155C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T156C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T157C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T159C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T161C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T162C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T163C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T164C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T165C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T166C - Control  
Control Type: CONSERVATION VENT

n0 Emission Source/Control: T167C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T168C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T169C - Control  
Control Type: CONSERVATION VENT



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Emission Source/Control: T200C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T205C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T206C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T207C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T208C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T209C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T230C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T231C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T232C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: V158C - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: V160C - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: T0009 - Process

Emission Source/Control: T0010 - Process

Emission Source/Control: T0012 - Process

Emission Source/Control: T0013 - Process

Emission Source/Control: T0014 - Process

Emission Source/Control: T0015 - Process

Emission Source/Control: T0016 - Process



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Emission Source/Control: T0018 - Process

Emission Source/Control: T0055 - Process

Emission Source/Control: T0056 - Process

Emission Source/Control: T0057 - Process

Emission Source/Control: T0109 - Process

Emission Source/Control: T0146 - Process

Emission Source/Control: T0147 - Process

Emission Source/Control: T0148 - Process

Emission Source/Control: T0149 - Process

Emission Source/Control: T0150 - Process

Emission Source/Control: T0151 - Process

Emission Source/Control: T0152 - Process

Emission Source/Control: T0153 - Process

Emission Source/Control: T0154 - Process

Emission Source/Control: T0155 - Process

Emission Source/Control: T0156 - Process

Emission Source/Control: T0157 - Process

Emission Source/Control: T0159 - Process

Emission Source/Control: T0160 - Process

Emission Source/Control: T0161 - Process

Emission Source/Control: T0162 - Process

Emission Source/Control: T0163 - Process

Emission Source/Control: T0164 - Process

Emission Source/Control: T0165 - Process



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Emission Source/Control: T0166 - Process

Emission Source/Control: T0167 - Process

Emission Source/Control: T0168 - Process

Emission Source/Control: T0169 - Process

Emission Source/Control: T0200 - Process

Emission Source/Control: T0205 - Process

Emission Source/Control: T0206 - Process

Emission Source/Control: T0207 - Process

Emission Source/Control: T0208 - Process

Emission Source/Control: T0209 - Process

Emission Source/Control: T0223 - Process

Emission Source/Control: T0224 - Process

Emission Source/Control: T0230 - Process

Emission Source/Control: T0231 - Process

Emission Source/Control: T0232 - Process

Emission Source/Control: TK110 - Process

**Item 58.20:**

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

Emission Unit: 0-00004

Process: 015

Source Classification Code: 3-01-830-01

Process Description:

POLYMER DIVISION TANKS - STORAGE FOR BATCH  
ALKYLPHENOL MANUFACTURING.

Emission Source/Control: T065C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: V540C - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: ST001 - Process

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Emission Source/Control: ST002 - Process

Emission Source/Control: T0012 - Process

Emission Source/Control: T0014 - Process

Emission Source/Control: T0016 - Process

Emission Source/Control: T0018 - Process

Emission Source/Control: T0054 - Process

Emission Source/Control: T0056 - Process

Emission Source/Control: T0057 - Process

Emission Source/Control: T0065 - Process

Emission Source/Control: T0158 - Process

Emission Source/Control: T0159 - Process

Emission Source/Control: T0160 - Process

Emission Source/Control: T0161 - Process

Emission Source/Control: T0162 - Process

Emission Source/Control: T0163 - Process

Emission Source/Control: T0166 - Process

Emission Source/Control: T0167 - Process

**Item 58.21:**

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

Emission Unit: 0-00005

Process: 016

Source Classification Code: 3-01-820-02

Process Description:

BIOLOGICAL AND CHEMICAL WASTEWATER  
TREATMENT FACILITY FOR PROCESS WASTEWATER  
GENERATED ON SITE.

Emission Source/Control: BC001 - Process

Emission Source/Control: SF001 - Process



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**Item 58.22:**

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

Emission Unit: 0-00006

Process: 012

Source Classification Code: 3-01-018-05

Process Description:

RESIN MANUFACTURING - PHENOL/FORMALDEHYDE  
RESIN MANUFACTURING AND ASSOCIATED  
EQUIPMENT.

Emission Source/Control: 39BCH - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 39BVS - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: C006D - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: FK01D - Control

Control Type: FABRIC FILTER

Emission Source/Control: H003G - Control

Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: H004G - Control

Control Type: REFRIGERATED CONDENSER

Emission Source/Control: H006C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: M007C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: M011S - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: M015S - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: M016C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: M016S - Control

Control Type: VENTURI SCRUBBER



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Emission Source/Control: M017C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M018C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M019C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M01TC - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M020C - Control  
Control Type: CONSERVATION VENT

bEmission Source/Control: M182S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: M910S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: PK01S - Control  
Control Type: WET SCRUBBER, VENTURI SCRUBBER

Emission Source/Control: PP01D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PP02D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PP03D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PP04D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: R100C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: R304S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: R612S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: R708S - Control  
Control Type: VENTURI SCRUBBER



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Emission Source/Control: SB01D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SB01S - Control  
Control Type: WET SCRUBBER

Emission Source/Control: SB02D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SB03D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SB03S - Control  
Control Type: WET SCRUBBER

Emission Source/Control: SB04D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SB04S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: SB05D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SBP2S - Control  
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: T10AC - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T16AC - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: T17AC - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: TT02S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: TT04S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: TT4SC - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: 00B36 - Process

Emission Source/Control: 39VC1 - Process

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Emission Source/Control: 4VP04 - Process

Emission Source/Control: 9VC01 - Process

Emission Source/Control: C0006 - Process

Emission Source/Control: CP002 - Process

Emission Source/Control: CPB06 - Process

Emission Source/Control: DRUM1 - Process

Emission Source/Control: FK001 - Process

Emission Source/Control: GCB39 - Process

Emission Source/Control: H0003 - Process

Emission Source/Control: H0004 - Process

Emission Source/Control: H0006 - Process

Emission Source/Control: HG001 - Process

Emission Source/Control: LUWVP - Process

Emission Source/Control: M0001 - Process

Emission Source/Control: M0004 - Process

Emission Source/Control: M0005 - Process

Emission Source/Control: M0006 - Process

Emission Source/Control: M0007 - Process

Emission Source/Control: M0008 - Process

Emission Source/Control: M0009 - Process

Emission Source/Control: M0010 - Process

Emission Source/Control: M0011 - Process

Emission Source/Control: M0012 - Process

Emission Source/Control: M0015 - Process

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Emission Source/Control: M0016 - Process

Emission Source/Control: M0017 - Process

Emission Source/Control: M0018 - Process

Emission Source/Control: M0019 - Process

Emission Source/Control: M0020 - Process

Emission Source/Control: M145S - Process

Emission Source/Control: M9101 - Process

Emission Source/Control: PK001 - Process

Emission Source/Control: PP000 - Process

Emission Source/Control: R0001 - Process

Emission Source/Control: R0002 - Process

Emission Source/Control: R0003 - Process

Emission Source/Control: R0004 - Process

Emission Source/Control: R0006 - Process

Emission Source/Control: R0007 - Process

Emission Source/Control: R0008 - Process

Emission Source/Control: R0009 - Process

Emission Source/Control: R0012 - Process

Emission Source/Control: R0013 - Process

Emission Source/Control: R0015 - Process

Emission Source/Control: R012S - Process

Emission Source/Control: R1234 - Process

Emission Source/Control: R6912 - Process

Emission Source/Control: R912S - Process

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Emission Source/Control: SB001 - Process

Emission Source/Control: SB002 - Process

Emission Source/Control: SB003 - Process

Emission Source/Control: SB004 - Process

Emission Source/Control: SB005 - Process

Emission Source/Control: T0101 - Process

Emission Source/Control: T016A - Process

Emission Source/Control: T017A - Process

Emission Source/Control: T100A - Process

Emission Source/Control: T10CO - Process

Emission Source/Control: TB104 - Process

Emission Source/Control: TB105 - Process

Emission Source/Control: TFE19 - Process

Emission Source/Control: TR100 - Process

Emission Source/Control: TT001 - Process

Emission Source/Control: TT002 - Process

Emission Source/Control: TT003 - Process

Emission Source/Control: TT004 - Process

Emission Source/Control: VMP18 - Process

Emission Source/Control: VPM17 - Process

Emission Source/Control: W0001 - Process

Emission Source/Control: W0002 - Process

Emission Source/Control: W0003 - Process

Emission Source/Control: W0004 - Process

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Emission Source/Control: W0005 - Process

Emission Source/Control: W0006 - Process

Emission Source/Control: W0007 - Process

Emission Source/Control: W0008 - Process

**Item 58.23:**

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

Emission Unit: 0-00006

Process: 013

Source Classification Code: 3-01-018-05

Process Description:

RESIN MANUFACTURING - BATCH ALKYLPHENOL  
MANUFACTURING.

Emission Source/Control: M015C - Control

Control Type: CONSERVATION VENT

Emission Source/Control: M015S - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: M0001 - Process

Emission Source/Control: M0004 - Process

Emission Source/Control: M0008 - Process

Emission Source/Control: M0015 - Process

Emission Source/Control: M145S - Process

Emission Source/Control: M15FB - Process

Emission Source/Control: M15VB - Process

Emission Source/Control: M608S - Process

**Item 58.24:**

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

Emission Unit: 0-00006

Process: 031

Source Classification Code: 3-01-018-05

Process Description:

Resin Manufacturing - Acrylated Carboxylated Novalaks



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Emission Source/Control: R612S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: R0006 - Process

Emission Source/Control: R0012 - Process

Emission Source/Control: R912S - Process

**Item 58.25:**

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

Emission Unit: 0-00006  
Process: 032 Source Classification Code: 3-01-018-99  
Process Description: Acrylated Carboxylated Novalak Dispersions

Emission Source/Control: R612S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: R0006 - Process

Emission Source/Control: R0012 - Process

Emission Source/Control: R912S - Process

**Item 58.26:**

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

Emission Unit: 0-00006  
Process: 033 Source Classification Code: 3-01-018-99  
Process Description: High Speed Dispersions

Emission Source/Control: 4VC1V - Process

Emission Source/Control: 4VP04 - Process

**Item 58.27:**

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

Emission Unit: 0-00006  
Process: 034 Source Classification Code: 3-01-018-05  
Process Description: Resin Manufacturing Microcapsules

Emission Source/Control: M018C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M019C - Control  
Control Type: CONSERVATION VENT



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Emission Source/Control: M020C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M182S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: M0018 - Process

Emission Source/Control: M0019 - Process

Emission Source/Control: M0020 - Process

Emission Source/Control: VMP18 - Process

**Item 58.28:**

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

Emission Unit: 0-00006

Process: 038

Source Classification Code: 3-01-018-99

Process Description: Zinc Salicylate Manufacture/Dispersion

Emission Source/Control: 6BT0D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: M007C - Control  
Control Type: CONSERVATION VENT

Emission Source/Control: M011S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: M910S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: R612S - Control  
Control Type: VENTURI SCRUBBER

Emission Source/Control: 6BT00 - Process

Emission Source/Control: M0007 - Process

Emission Source/Control: M0009 - Process

Emission Source/Control: M0010 - Process

Emission Source/Control: M0011 - Process

Emission Source/Control: R0012 - Process

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Emission Source/Control: R0013 - Process

Emission Source/Control: R912S - Process

**Item 58.29:**

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

Emission Unit: 0-00007

Process: 030

Source Classification Code: 3-01-999-99

Process Description:

PILOT LABORATORY FOR TESTING AND  
EVALUATING POTENTIAL NEW PRODUCTS, PROVIDE  
CUSTOMER SERVICE AND LIMITED PRODUCTION  
ACTIVITIES. BATCH REACTOR CONDENSERS WERE  
ASSUMED AS PART OF THE PROCESS FOR EMISSION  
ESTIMATION PURPOSES.

Emission Source/Control: 34B1E - Process

Emission Source/Control: 34B2E - Process

Emission Source/Control: P0003 - Process

Emission Source/Control: P0006 - Process

Emission Source/Control: P0007 - Process

Emission Source/Control: P0008 - Process

Emission Source/Control: P0009 - Process

Emission Source/Control: PAR01 - Process

Emission Source/Control: SJPC0 - Process

Emission Source/Control: VPP01 - Process

Emission Source/Control: VPP03 - Process

Emission Source/Control: VPP3V - Process

Emission Source/Control: VPS01 - Process

**Item 58.30:**

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



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Emission Unit: 0-00009

Process: 021

Source Classification Code: 6-84-800-01

Process Description:

HON FUGITIVE EMISSION PROGRAM (40 CFR PART  
63 SUBPART H).

Emission Source/Control: 00FUG - Process

**Item 58.31:**

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

Emission Unit: 0-00009

Process: 022

Source Classification Code: 5-03-008-99

Process Description:

OFF SITE WASTE AND RECOVERY OPERATIONS  
FUGITIVE EMISSIONS PROGRAM (40 CFR PART  
63.68OFF).

Emission Source/Control: 00FUG - Process

**Item 58.32:**

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

Emission Unit: 0-00009

Process: 023

Source Classification Code: 5-03-008-99

Process Description:

FUGITIVE EMISSIONS PROGRAM FOR 40 CFR PART  
61.24OFF - SUBPART V (FROM SUBPART DD).

Emission Source/Control: 00FUG - Process

**Item 58.33:**

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

Emission Unit: 0-00009

Process: 024

Source Classification Code: 5-03-008-99

Process Description:

ON SITE HAZARDOUS WASTE FUGITIVE EMISSIONS  
PROGRAM (40 CFR PART 264 SUBPART BB).

Emission Source/Control: 00FUG - Process

**Item 58.34:**

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

Emission Unit: 0-00009

Process: 025

Source Classification Code: 3-01-800-02

Process Description:



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**NEW YORK STATE FUGITIVE EMISSIONS PROGRAM  
(6 NYCRR PART 236).**

Emission Source/Control: 00FUG - Process

**Item 58.35:**

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

Emission Unit: 0-00009

Process: 026

Source Classification Code: 3-01-800-02

Process Description: CONSENT ORDER FUGITIVE EMISSIONS PROGRAM.

Emission Source/Control: 00FUG - Process

**Condition 59: Process Permissible Emissions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 59.1:**

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-00001

Process: 002

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 38.1 pounds per hour  
76,600 pounds per year  
38.3 tons per year

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9.93 pounds per hour  
78,200 pounds per year  
39.1 tons per year

**Condition 60: Emissions from Existing Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 60.1:**

This Condition applies to Emission Unit: 0-00001

**Item 60.2:** No person will cause or allow emissions that violate the requirement specified in Table 2,



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Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 61: Existing sources - 212.3(b) particulate matter standard.  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 61.1:**

This Condition applies to Emission Unit: 0-00001

**Item 61.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 62: Emissions from new emission sources and/or modifications  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 62.1:**

This Condition applies to Emission Unit: 0-00001

**Item 62.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 63: Emissions from new emission sources and/or modifications  
not specified by Table 2  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 63.1:**

This Condition applies to Emission Unit: 0-00001

**Item 63.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 64: Compliance Certification  
Effective between the dates of 10/25/2001 and 10/25/2006**



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**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 65: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20



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percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 104: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 104.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

**Item 104.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent



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or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 66: Applicability - located outside Lower Orange County and NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 66.1:**

This Condition applies to Emission Unit: 0-00001

**Item 66.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 67: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based





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upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 68: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 68.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent



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Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 69: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The emission of Sulfur Dioxide from Boiler #5 (B0500) shall be limited to 38.3 tons per year regardless of the type of fuel fired. The facility shall calculate and record the monthly and rolling annual Sulfur Dioxide emissions from Boiler #5. The facility shall maintain all records on site for a period of five years including the fuel usage for each fuel fired in Boiler #5, all calculations, and all other data used to determine the monthly and rolling annual emissions of Sulfur Dioxide.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 38.3 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 70: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

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**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

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

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The emission of Oxides of Nitrogen (NO<sub>x</sub>) from Boiler #5 (B0500) shall be limited to 38.3 tons per year regardless of the type of fuel fired. The facility shall calculate and record the monthly and rolling annual Oxides of Nitrogen emissions from Boiler #5. The facility shall maintain all records on site for a period of five years including the fuel usage for each fuel fired in Boiler #5, all calculations, and all other data used to determine the monthly and rolling annual emissions of Oxides of Nitrogen.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 38.3 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 71: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc**

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 001

**Item 71.2:**

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 72: Duration of records maintained.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 72.1:**

This Condition applies to Emission Unit: 0-00001

Process: 001

**Item 72.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

**Condition 73: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 73.1:**

This Condition applies to Emission Unit: 0-00001

Process: 001

Emission Source: B0500

**Item 73.2:**

Boilers firing natural gas and/or distillate oil shall utilize low NOx Burners.

**Condition 74: Applicability of General Provisions of 40 CFR 60 Subpart A**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 74.1:**

This Condition applies to Emission Unit: 0-00001

Process: 001

Emission Source: B0500

**Item 74.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is



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responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 75: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.42c(d), NSPS Subpart Dc**

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 76: Exemption from the averaging period.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.42c(h), NSPS Subpart Dc**

**Item 76.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

**Item 76.2:**

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification



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from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

**Condition 77: Enforceability.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.42c(i), NSPS Subpart Dc**

**Item 77.1:**

This Condition applies to Emission Unit: 0-00001  
Process: 002

**Item 77.2:**

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall apply at all times, including periods of startup, shutdown, and malfunction.

**Condition 78: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.43c(c), NSPS Subpart Dc**

**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001  
Process: 002

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

**Item 78.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20.0 percent



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Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 79: Enforceability of particulate matter and opacity standards.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.43c(d), NSPS Subpart Dc**

**Item 79.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

**Item 79.2:**

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

**Condition 80: Alternative compliance methods for sulfur dioxide.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.44c(h), NSPS Subpart Dc**

**Item 80.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

**Item 80.2:**

Facilities demonstrating compliance through vendor certification shall follow the compliance procedures listed in paragraphs 40 CFR 60-Dc.48c(f)(1), (2), or (3), as applicable.

**Condition 81: Exemption from sulfur dioxide monitoring requirements.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.46c(e), NSPS Subpart Dc**

**Item 81.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

**Item 81.2:**

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.



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**Condition 82: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(d), NSPS Subpart Dc**

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 83: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(f)(1), NSPS Subpart Dc**

**Item 83.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 83.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:



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i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 84: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc**

**Item 84.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 002

**Item 84.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 85: Duration of records maintained.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 85.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002



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**Item 85.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

**Condition 86: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies. Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 86.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

Emission Source: B0500

**Item 86.2:**

Boilers firing natural gas and/or distillate oil shall utilize low NOx Burners.

**Condition 87: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 87.1:**

This Condition applies to Emission Unit: 0-00001

Process: 002

Emission Source: B0500

**Item 87.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 88: Compliance Certification Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 88.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 003

Emission Source: B0100

**Item 88.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Facility DEC ID: 4422800056**

**Monitoring Description:**

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

**Monitoring Frequency:** ANNUALLY

**Reporting Requirements:** ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 89: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 89.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 004

Emission Source: B0100

**Item 89.2:**

Compliance Certification shall include the following monitoring:

**Monitoring Type:** RECORD KEEPING/MAINTENANCE PROCEDURES

**Monitoring Description:**

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

**Monitoring Frequency:** ANNUALLY

**Reporting Requirements:** ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 90: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 90.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001



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Process: 005

Emission Source: B0200

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 91: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 91.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 006

Emission Source: B0200

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 92: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**



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**Facility DEC ID: 4422800056**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 92.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 007

Emission Source: B0100

**Item 92.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 93: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 93.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 007

Emission Source: B0200

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY



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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 94: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 94.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 020

Emission Source: B0100

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 95: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 95.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 020

Emission Source: B0200

**Item 95.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the



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format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 96: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.**

**Item 96.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 96.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Combustion efficiency must be at least 99% when burning waste fuels. As an alternative to determining the combustion efficiency by demonstrating the relationship between carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO), the owner and/or operator shall demonstrate that the source does not exceed a CO limit of 500 ppm. The facility shall operate and maintain a CEM in order to determine the concentration of CO. The CEM shall monitor and record the CO concentration. All records shall be kept on site and maintained for a period of five years.

Manufacturer Name/Model Number: Thermo Electron Model 200

Upper Permit Limit: 500 parts per million (by volume)

Reference Test Method: Method 10

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)



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**Condition 97: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(a)**

**Item 97.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner and/or operator shall submit to the Department the following:

(1) A demonstration that the emissions from the use of the waste fuel comply with 6 NYCRR Part 200.6.

(2) Fuel analyses representative of the waste fuel to be burned and acceptable to the commissioner.

(3) A demonstration of compliance with guidelines issued by the commissioner relative to the burning of waste fuel.

The information requested above shall be submitted to the Department prior to the facility burning the waste fuel. Once the information has been reviewed and approved by the Department, the facility will be able to burn the waste fuel.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 98: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

**Item 98.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028



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**Item 98.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Sulfur content limitations in waste fuels A and B. The facility shall sample (grab sample) the waste fuel at the feed pump to the boiler. The facility shall analyze the samples using the analytical methods listed in NYSDEC Air Guide 17, "Trade and Use of Waste Fuels for Energy Recovery Purposes". The facility shall sample the waste fuel monthly. If no exceedences of the limit noted above occur within twelve (12) months, the facility may reduce the sampling frequency to quarterly. In the event that an exceedence occurs during the quarterly sampling, the facility shall increase the sampling frequency to monthly for twelve (12) months immediately following the exceedence. If an exceedence occurs, the facility shall notify the Department in writing, including a copy of the analytical results, within 10 business days. All records shall be kept on site and maintained for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LIQUID WASTE

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 99: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

**Item 99.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 99.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for lead. The facility shall sample (grab sample) the waste fuel at the feed pump to the boiler. The facility shall analyze the samples using the analytical methods listed in NYSDEC Air Guide 17, "Trade and Use of Waste Fuels for Energy Recovery Purposes". The facility shall sample the waste fuel monthly. If no exceedences of the limit noted above occur within twelve (12) months, the facility may reduce the sampling frequency to quarterly. In the event that an exceedence occurs during the quarterly sampling, the facility shall increase the sampling frequency to monthly for twelve (12) months immediately following the exceedence. If an exceedence occurs, the facility shall notify the Department in writing, including a copy of the analytical results, within 10 business days. All records shall be kept on site and maintained for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LIQUID WASTE

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 250 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 100: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

**Item 100.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 100.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel heat content minimum requirement for waste fuels A and B. The facility shall sample (grab sample) the waste fuel at the feed pump to the boiler. The facility shall analyze the samples using the analytical methods listed in NYSDEC Air Guide 17, "Trade and Use of Waste Fuels for Energy Recovery Purposes". The facility shall sample the waste fuel monthly. If no exceedences of the limit noted above occur within twelve (12) months, the facility may reduce the sampling frequency to quarterly. In the event that an exceedence occurs during the quarterly sampling, the facility shall increase the sampling frequency to monthly for twelve (12) months immediately following the exceedence. If an exceedence occurs, the facility shall notify the Department in writing, including a copy of the analytical results, within 10 business days. All records shall be kept on site and maintained for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LIQUID WASTE

Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000 British thermal units per gallon

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 101: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

**Item 101.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 101.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

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**OPERATIONS**

**Monitoring Description:**

Fuel contaminant limitations of total halogens in waste fuels A and B. The facility shall sample (grab sample) the waste fuel at the feed pump to the boiler. The facility shall analyze the samples using the analytical methods listed in NYSDEC Air Guide 17, "Trade and Use of Waste Fuels for Energy Recovery Purposes". The facility shall sample the waste fuel monthly. If no exceedences of the limit noted above occur within twelve (12) months, the facility may reduce the sampling frequency to quarterly. In the event that an exceedence occurs during the quarterly sampling, the facility shall increase the sampling frequency to monthly for twelve (12) months immediately following the exceedence. If an exceedence occurs, the facility shall notify the Department in writing, including a copy of the analytical results, within 10 business days. All records shall be kept on site and maintained for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LIQUID WASTE

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 1000 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 102: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.4(b)**

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**Item 102.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 102.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS



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**Monitoring Description:**

Concentration of PCBs not to exceed 49.99 ppm by weight excluding water. The facility shall sample (grab sample) the waste fuel at the feed pump to the boiler. The facility shall analyze the samples using the analytical methods listed in NYSDEC Air Guide 17, "Trade and Use of Waste Fuels for Energy Recovery Purposes". The facility shall sample the waste fuel monthly. If no exceedences of the limit noted above occur within twelve (12) months, the facility may reduce the sampling frequency to quarterly. In the event that an exceedence occurs during the quarterly sampling, the facility shall increase the sampling frequency to monthly for twelve (12) months immediately following the exceedence. If an exceedence occurs, the facility shall notify the Department in writing, including a copy of the analytical results, within 10 business days. All records shall be kept on site and maintained for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LIQUID WASTE

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 49.99 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 103: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 225-2.7(a)**

**Item 103.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Process: 028

**Item 103.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As required the facility shall sample, analyze, and measure all quantities of waste fuel received and/or fired

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at the facility. Emissions and/or operations monitoring shall be conducted in a manner suitable to the representative of the commissioner. The facility shall maintain records of quantities of waste fuel B received and the names and addresses of waste fuel B suppliers for three calendar years. In addition, the facility shall maintain records of the results of any and all analyses that are performed to demonstrate compliance with 6 NYCRR Part 225-2, records of the quantities of waste fuel A and waste fuel B received at the facility and fired at the facility, and records of the waste fuel feed rate along with calculations demonstrating that the boiler is operated in accordance with the conditions which existed at the time of the most recent Department approved stack test.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 105: Emissions from Existing Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 105.1:**

This Condition applies to Emission Unit: 0-00002

**Item 105.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 106: Existing sources - 212.3(b) particulate matter standard.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 106.1:**

This Condition applies to Emission Unit: 0-00002

**Item 106.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 107: Emissions from new emission sources and/or modifications**

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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 107.1:**

This Condition applies to Emission Unit: 0-00002

**Item 107.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 108: Emissions from new emission sources and/or modifications  
not specified by Table 2**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 108.1:**

This Condition applies to Emission Unit: 0-00002

**Item 108.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 109: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 109.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 109.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050



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grains of particulate per cubic foot of exhaust gas,  
expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 110: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 110.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

**Item 110.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.





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Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 193: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 193.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

**Item 193.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 111: Applicability - located outside Lower Orange County and  
NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

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

**Item 111.1:**

This Condition applies to Emission Unit: 0-00002

**Item 111.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 112: New sources built after 3/1/93**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.1(d)(2)(x)**

**Item 112.1:**

This Condition applies to Emission Unit: 0-00002

**Item 112.2:**

Any process subject to this requirement must demonstrate compliance upon startup.

**Condition 113: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.5(d)**

**Item 113.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 113.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a volatile organic liquid storage tank that is subject to 6NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**Condition 114: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 114.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 114.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 115: RACT analysis not required for emission points less than 3**  
**lb/hr VOC or NO<sub>x</sub>**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 115.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 115.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 116: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 116.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 116.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 117: Monitoring of operations.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**



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**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**Item 117.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 117.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 118: Records of the dimension and capacity of storage vessels**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 118.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 118.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 119: Startup, shutdown, malfunction operational standards**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 119.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 119.2:**

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.



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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 120: Applicability of General Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 120.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 120.2:**

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 121: Exemption from monitoring of heat exchange system -  
pressurizing coolant water**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.104(a)(1), Subpart F**

**Item 121.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 121.2:**

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 122: Exemptions from heat exchange system monitoring -  
presence of intervening coolant**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.104(a)(2), Subpart F**

**Item 122.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 122.2:**

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



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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 123: Calculation of TRE**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.113(a)(3), Subpart G**

**Item 123.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 123.2:**

The owner/operator of a group 1 process vent shall achieve and maintain a TRE index value greater than 1.0 at the outlet of the final recovery device, or prior to release of the vent stream to the atmosphere if no recovery device is present. If the TRE index value is greater than 1.0, the vent shall comply with the provisions for a group 2 process vent specified in §63.113(d) or (e), whichever is applicable.

**Condition 124: Standards for group 2 process vents**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.113(e), Subpart G**

**Item 124.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008

**Item 124.2:**

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 125: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.115(d)(1), Subpart G**

**Item 125.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002  
Process: 008

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



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**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**Item 125.2:**

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 126: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.117(b), Subpart G**

**Item 126.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

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**Facility DEC ID: 4422800056**



Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 126.2:**

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 127: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.118(c), Subpart G**

**Item 127.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 127.2:**

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).

Monitoring Frequency: AS REQUIRED - SEE MONITORING





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**Facility DEC ID: 4422800056**

**DESCRIPTION**

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 128: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.118(h), Subpart G**

**Item 128.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 128.2:**

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 129: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.123(a), Subpart G**

**Item 129.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

Regulated Contaminant(s):



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**Facility DEC ID: 4422800056**

CAS No: 0NY100-00-0 HAP

**Item 129.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 130: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.152(d)(1), Subpart G**

**Item 130.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 130.2:**

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 131: VOL storage tanks from 10000 - 20000 gallons**



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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 131.1:**

This Condition applies to Emission Unit: 0-00002

Process: 008

Emission Source: F0403

**Item 131.2:**

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 132: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 132.1:**

This Condition applies to Emission Unit: 0-00002

Process: 008

Emission Source: F0405

**Item 132.2:**

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 133: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 133.1:**

This Condition applies to Emission Unit: 0-00002

Process: 008

Emission Source: F0406

**Item 133.2:**

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 134: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 134.1:**

This Condition applies to Emission Unit: 0-00002

Process: 008

Emission Source: F0407

**Item 134.2:**

Air Pollution Control Permit Conditions

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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 135: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 135.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008 Emission Source: F0408

**Item 135.2:**

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 136: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 136.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 008 Emission Source: F0409

**Item 136.2:**

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 137: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 137.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002  
Process: 008 Emission Source: F0422

**Item 137.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect



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the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 138: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 138.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 008

Emission Source: F0423

**Item 138.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 139: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 139.1:**

This Condition applies to Emission Unit: 0-00002

Process: 009

**Item 139.2:**

Volatile organic compound emission points which are equipped with a capture system and a control



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device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 140: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 140.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 140.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 141: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 141.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 141.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 142: Monitoring of operations.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 142.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 142.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 143: Records of the dimension and capacity of storage vessels**  
**Effective between the dates of 10/25/2001 and 10/25/2006**



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**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 143.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 143.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 144: Exemption if TRE is greater than 8.0**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.660(c)(4), NSPS Subpart NNN**

**Item 144.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 144.2:**

Each affected facility that has a TRE index value, as calculated in §60.664(e), that is greater than 8.0, is exempt from all provisions of this subpart except for §§60.662; 60.664(d), (e), and (f); and 60.665(h) and (l).

**Condition 145: Standards for facility with TRE>1**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.662(c), NSPS Subpart NNN**

**Item 145.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 145.2:**

The affected facility shall maintain a TRE value greater than 1.0 without the use of VOC control devices for each vent stream no later than 60 days after achieving the maximum production rate or 180 days after initial start-up, whichever date comes first.

**Condition 146: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.663(d)(2)(i), NSPS Subpart NNN**



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**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**Item 146.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 146.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The affected facility shall demonstrate compliance with the TRE index value standard in §60.662(c) by installing, calibrating, maintaining, and operating a condenser exit (product side) temperature monitoring device equipped with a continuous recorder and having an accuracy of +/- 1 percent of the temperature being monitored expressed in degrees Celsius or +/- 0.5 degrees Celsius, whichever is greater.

Up-to-date, readily accessible records shall be kept of all three-hour periods of operation during which the average exit (product side) condenser operating temperature exceeded 6 degrees Celsius above the average exit (product side) condenser operating temperature during the most recent performance test.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 84.44 degrees Centigrade (or  
Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 147: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.664(e), NSPS Subpart NNN**

**Item 147.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002





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**Facility DEC ID: 4422800056**

Process: 009

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 147.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with §60.662(c), the TRE index value shall be calculated by using the formula as listed in §60.664(e)(1) for halogenated vent streams. For non-halogenated vent streams, the TRE index value shall be calculated using the formulas listed in both §60.664(e)(1) and (e)(2) and the lower of the two values shall be selected.

The test methods and procedures listed in §60.664(d) shall be used to obtain the values for vent stream net heating value, TOC emission rate, and stream flowrates needed to calculate the TRE as in the formulas noted above.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 148: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.664(f), NSPS Subpart NNN**

**Item 148.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 148.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The TRE index value shall be recalculated whenever

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process changes such as changes in production capacity, feedstock type, or catalyst type, or whenever there is replacement, removal, or addition of recovery equipment occur. The TRE index value shall be recalculated based on test data or on best engineering estimates of the effects of the change to the recovery system.

If the recalculated TRE index value is less than or equal to 1.0, the facility shall notify the permitting authority within 1 week of the recalculation and shall conduct a performance test according to the methods and procedures required by §60.664.

If the initial TRE index value is greater than 8.0 and the recalculated TRE index value is less than or equal to 8.0 but greater than 1.0, a performance test shall be conducted in accordance with §60.664.

Performance tests shall be conducted as soon as possible after the process change but no later than 180 days from the time of the process change.

Up-to-date and readily accessible records shall be kept of: 1) any changes in production capacity, feedstock type, or catalyst type, or of any replacement, removal or addition of recovery equipment or a distillation unit, 2) any recalculation of the TRE index value, and 3) the results of any performance test performed pursuant to the methods and procedures required by §60.664(d).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 149: Notifications**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.665(a), NSPS Subpart NNN**

**Item 149.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 149.2:**

DEC shall be notified of the specific provisions of §60.662 with which the facility has elected to comply. Notification shall be submitted with the notification of initial start-up required by §60.7(a)(3). If the facility elects to use an alternative provision of §60.662 to comply, DEC shall be notified 90 days before



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implementing a change and, upon implementing the change, a performance test shall be performed as specified by §60.664 within 180 days.

**Condition 150: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.665(l), NSPS Subpart NNN**

**Item 150.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 150.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Semiannual reports of the following recorded information shall be submitted to DEC:

1) Exceedances of monitored parameters recorded under §60.665(c) and (g);

2) Any recalculation of the TRE index value, as recorded under §60.665(h).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 151: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.705(r), NSPS Subpart RRR**

**Item 151.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 151.2:**



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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator whose reactor process vent stream is routed to a distillation unit subject to subpart NNN and who seeks to demonstrate compliance with §60.700(c)(5) shall submit to the New York State DEC a process design description as part of the initial report. This process design description must be retained for the life of the process. No other records or reports would be required unless process changes are made.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 152: Startup, shutdown, malfunction operational standards**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 152.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 152.2:**

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 153: Applicability of General Provisions**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

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**Item 153.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 153.2:**

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 154: Exemption from monitoring of heat exchange system -  
pressurizing coolant water  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.104(a)(1), Subpart F**

**Item 154.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 154.2:**

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 155: Exemptions from heat exchange system monitoring -  
presence of intervening coolant  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.104(a)(2), Subpart F**

**Item 155.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009

**Item 155.2:**

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 156: Calculation of TRE  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.113(a)(3), Subpart G**

**Item 156.1:**

This Condition applies to Emission Unit: 0-00002

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Process: 009

**Item 156.2:**

The owner/operator of a group 1 process vent shall achieve and maintain a TRE index value greater than 1.0 at the outlet of the final recovery device, or prior to release of the vent stream to the atmosphere if no recovery device is present. If the TRE index value is greater than 1.0, the vent shall comply with the provisions for a group 2 process vent specified in §63.113(d) or (e), whichever is applicable.

**Condition 157: Standards for group 2 process vents**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.113(e), Subpart G**

**Item 157.1:**

This Condition applies to Emission Unit: 0-00002

Process: 009

**Item 157.2:**

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 158: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.115(d)(1), Subpart G**

**Item 158.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 158.2:**

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.

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- 0 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 159: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.117(b), Subpart G**

**Item 159.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

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:

The owner/operator of a Group 2 process vent with a TRE index value greater than 4.0 shall maintain records and



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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 160: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.118(c), Subpart G**

**Item 160.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

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 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).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 161: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.118(h), Subpart G**

**Item 161.1:**

The Compliance Certification activity will be performed for:





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Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 161.2:**

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 162: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.123(a), Subpart G**

**0 Item 162.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 162.2:**

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



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as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 163: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.152(d)(1), Subpart G**

**Item 163.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 009

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 163.2:**

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 164: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 164.1:**

This Condition applies to Emission Unit: 0-00002

Process: 009

Emission Source: F0403

**Item 164.2:**

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.

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**Condition 165: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 165.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009 Emission Source: F0408

**Item 165.2:**

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 166: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 166.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009 Emission Source: F0409

**Item 166.2:**

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 167: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 167.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 009 Emission Source: F0416

**Item 167.2:**

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 168: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 168.1:**

The Compliance Certification activity will be performed for:



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Emission Unit: 0-00002

Process: 009

Emission Source: F0423

**Item 168.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 169: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 169.1:**

This Condition applies to Emission Unit: 0-00002

Process: 010

**Item 169.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 170: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 170.1:**

This Condition applies to Emission Unit: 0-00002

Process: 010

**Item 170.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

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**Condition 171: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 171.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010

**Item 171.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 172: Monitoring of operations.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 172.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010

**Item 172.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 173: Records of the dimension and capacity of storage vessels**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 173.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010

**Item 173.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 174: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**



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**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 174.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010 Emission Source: F0403

**Item 174.2:**

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 175: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 175.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010 Emission Source: F0404

**Item 175.2:**

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 176: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 176.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010 Emission Source: F0408

**Item 176.2:**

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 177: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 177.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 010 Emission Source: F0409

**Item 177.2:**

Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000



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gallons must be equipped with submerged fill.

**Condition 178: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 178.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 010

Emission Source: F0423

**Item 178.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 179: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 179.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 179.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six



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minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 180: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 180.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 180.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for





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a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 181: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(g)**

**Item 181.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 181.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator shall maintain a log (in the format acceptable to the Department) containing the following information:

(1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 182: Applicability of General Provisions of 40 CFR 60 Subpart A**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 182.1:**

This Condition applies to Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 182.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical,



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administrative and reporting requirements.

**Condition 183: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc**

**Item 183.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 183.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 184: Duration of records maintained.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 184.1:**

This Condition applies to Emission Unit: 0-00002

Process: 011

Emission Source: BP300

**Item 184.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

**Condition 185: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 185.1:**

This Condition applies to Emission Unit: 0-00002

Process: 029



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**Item 185.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 186: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 186.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029

**Item 186.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 187: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 187.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029

**Item 187.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 188: Monitoring of operations.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 188.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029

**Item 188.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 189: Records of the dimension and capacity of storage vessels**



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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 189.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029

**Item 189.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 190: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 190.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029 Emission Source: F0403

**Item 190.2:**

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 191: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 191.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029 Emission Source: F0404

**Item 191.2:**

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 192: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**



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**Item 192.1:**

This Condition applies to Emission Unit: 0-00002  
Process: 029 Emission Source: F0408

**Item 192.2:**

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 194: Emissions from Existing Sources**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 194.1:**

This Condition applies to Emission Unit: 0-00003

**Item 194.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 195: Existing sources - 212.3(b) particulate matter standard.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 195.1:**

This Condition applies to Emission Unit: 0-00003

**Item 195.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 196: Emissions from new emission sources and/or modifications**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 196.1:**

This Condition applies to Emission Unit: 0-00003

**Item 196.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.



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**Condition 197: Emissions from new emission sources and/or modifications  
not specified by Table 2  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 197.1:**

This Condition applies to Emission Unit: 0-00003

**Item 197.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 198: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 198.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 198.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 199: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 199.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

**Item 199.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 240: Compliance Certification**



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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 240.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

**Item 240.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 200: Applicability - located outside Lower Orange County and  
NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 200.1:**

This Condition applies to Emission Unit: 0-00003

**Item 200.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 201: Compliance Certification**





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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 201.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 201.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner and/or operator shall operate and maintain the control equipment (wet electrostatic precipitator) in accordance with the manufacturer's operating procedures, instructions and requirements. A copy of the manufacturer's operating procedures, instructions and requirements shall be maintained with the permit for this facility at all times, and shall be retained for a period of not less than five (5) years.

The facility owner/operator will inspect the control equipment daily. If the control equipment is not operating as required, corrective action is required.

The facility owner/operator will maintain a log and/or records which will indicate the results of the daily inspections, routine maintenance activities, and any repairs and/or corrective actions taken. The log and/or records are to be maintained on-site for a period of five years.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 202: General Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart EEE**

**Item 202.1:**



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This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 202.2:**

Owners or operators of affected sources subject to 40CFR63 Subpart EEE 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 EEE. 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 203: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 203.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003  
Process: 017

**Item 203.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be performed to determine compliance with the Destruction and Removal Efficiency (DRE) standard. The DRE for each Principle Organic Hazardous Constituent (POHC) should not be less than 99.99%. The DRE must be calculated using:  $DRE = [1 - (W_{out}/W_{in})] \times 100\%$

Win = mass feed rate of one POHC in a waste feed stream,

Wout = mass emission rate of the same POHC present in exhaust emissions prior to release to the atmosphere

The initial stack emission testing must be commenced by March 30, 2003.

Reporting: 90 days of completion of the test

Parameter Monitored: DESTRUCTION EFFICIENCY

Lower Permit Limit: 99.99 percent

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 204: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 204.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 204.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be performed to determine compliance with the Destruction and Removal Efficiency (DRE) standard. The DRE for each Principle Organic Hazardous Constituent (POHC) should not be less than 99.9999%. The DRE must be calculated using:  $DRE = [1 - (W_{out}/W_{in})] \times 100\%$

Win = mass feed rate of one POHC in a waste feed stream,

Wout = mass emission rate of the same POHC present in exhaust emissions prior to release to the atmosphere

The initial stack emission testing must be commenced by March 30, 2003.

Reporting: 90 days of completion of the test

Parameter Monitored: DESTRUCTION EFFICIENCY

Lower Permit Limit: 99.9999 percent

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 205: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 205.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 205.2:**



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Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The continuous emission monitoring system (CEMs) testing must be conducted to determine compliance with the carbon monoxide standard. Carbon monoxide emissions in the stack should not exceed 100 parts per million by volume, over an hourly rolling average (monitored continuously with a CEMs) dry basis and corrected to 7 percent oxygen. The initial emission testing must be commenced by March 30, 2003.

Reporting - Once every 60 months (within 90 days completion of a test)

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 100 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: Method4B-appendix B

Monitoring Frequency: CONTINUOUS

Averaging Method: 1 HOUR ROLLING AVERAGE ROLLED EVERY 1  
MINUTE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 206: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 206.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 206.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the Particulate Matter (PM) standard. PM emissions in the stack should not exceed 34 milligrams per dry standard cubic meter, corrected to 7 percent oxygen. The initial stack emission testing must be commenced by

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Reporting: Once every 60 months (within 90 days completion of a test).  
Reference Test Method: Method 5 or 5I, provided in Appendix A, Part 60.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 34 milligrams per dry standard cubic meter (corrected to 7% oxygen)  
Reference Test Method: METHOD 5, 5I  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: ARITHMETIC MEAN  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 207: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 207.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003  
Process: 017

Regulated Contaminant(s):  
CAS No: 007439-97-6 MERCURY

**Item 207.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the Mercury standard. The combined emissions in the stack should not exceed 130 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. The initial stack emission testing must be commenced by March 30, 2003.

Reporting requirements: Within 90 days of completion of the test.

Parameter Monitored: MERCURY  
Upper Permit Limit: 130 micrograms per dry standard cubic meter (corrected to 7% oxygen)  
Reference Test Method: Method 29-Appendix A



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Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 208: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 208.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 208.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the hydrochloric acid and chlorine gas standard. The combined emissions in the stack should not exceed 77 parts per million by volume, expressed as hydrochloric acid equivalents, dry basis and corrected to 7 percent oxygen. The initial stack emission testing must be commenced by March 30, 2003.

Reporting requirements: Within 90 days of completion of the test.

Reference Test Method: Methods 26A, 320, or 321 provided in Appendix A, Part 60.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: Method 26A, 320, 321

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 209: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**b Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 209.1:**

The Compliance Certification activity will be performed for:



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Emission Unit: 0-00003

Process: 017

**Item 209.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the arsenic, beryllium, and chromium (low-volatile metals) standard. The combined emissions in the stack should not exceed 97 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. The initial stack emission testing must be commenced by March 30, 2003.

Reporting requirements: Within 90 days of completion of the test.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 97 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: Method 29-Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 210: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 210.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 210.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the lead and cadmium (semi-volatile metals) standard. The combined emissions in the stack should not exceed 240 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. The initial stack emission testing must be commenced by March 30, 2003.

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Reporting requirements: Within 90 days of completion of the test.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 240 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: Method 29-Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 211: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1203, Subpart EEE**

**Item 211.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 211.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The stack emission testing must be conducted to determine compliance with the dioxins and furans standard. The emissions in the stack should not exceed 0.20 nanograms (ng) toxicity equivalence (TEQ) per dry standard cubic meter, corrected to 7 percent oxygen. The initial stack emission testing must be commenced by March 30, 2003.

Monitoring: Once every 30 months.

Reporting: once every 30 months (Within 90 days completion of a test, submit a Notification of Compliance (NOC) document).

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 0.20 nanogram toxicity equivalence per dry standard cu meter, corrected to 7% O<sub>2</sub>

Reference Test Method: Method 0023A

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION





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**Facility DEC ID: 4422800056**

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 212: Final Compliance date with the Subpart**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1206, Subpart EEE**

**Item 212.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 212.2:**

The Permittee must comply with the standards of this subpart by September 30, 2002.

**Condition 213: Operator training and certification requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1206, Subpart EEE**

**Item 213.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 213.2:**

The permittee must establish a training and certification program for each person who has responsibilities to operate the source regulated by this subpart, and must ensure that the source is operated and maintained at all times by the trained and certified person. The training and certification program must conform to a state-approved training and certification program or, if there is no such state program, to the American Society of Mechanical Engineers Standard Number QHO-1-1994.

**Condition 214: Performance Test - compliance with the emission standards**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1206, Subpart EEE**

**Item 214.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 214.2:**

The permittee must determine compliance with the emission standards of this subpart by conducting performance testing under worst case operations.

**Item 214.3:**

The permittee must determine the compliance with the carbon monoxide standard using a continuous emissions monitoring system.

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**Item 214 .4:**

The permittee must determine the compliance with hydrocarbon emission standard during the destruction and removal efficiency (DRE) performance test.

**Condition 215: Types of performance tests - (1) Comprehensive performance test (cpt)**

Effective between the dates of 10/25/2001 and 10/25/2006

**Applicable Federal Requirement: 40CFR 63.1207, Subpart EEE**

**Item 215.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 215.2:**

The permittee must conduct comprehensive performance tests (cpt) to demonstrate compliance with the emission standards in this subpart , establish operating limits for operating parameters, and demonstrate compliance with the performance specifications for continuous monitoring systems (CMS).

**Item 215.3:**

The permittee must conduct initial comprehensive performance tests (cpt) by March 30, 2003.

**Item 215 .4:**

The subsequent cpt must commence no later than 61 (Sixty-one) months after the date of commencing the previous cpt.

**Item 215 .5:**

The cpt must be completed within the 60 (Sixty) days after the date of commencement.

**Item 215.6:**

The permittee must submit to the NYSDEC a notification of intention to conduct a cpt, CMS performance evaluation, a site specific test plan, and CMS performance evaluation plan at least one year before the cpt and CMS performance evaluations are scheduled to begin.

**Item 215.7:**

The NYSDEC will notify the permittee of approval or intent to deny approval of the test plan and CMS performance evaluation plan within 9 (Nine) months after receipt of the original plan.

**Item 215.8:**

The permittee must submit to the NYSDEC a notification of intention to conduct the cpt at least 60 (Sixty) calendar days before the test is scheduled to begin.

**Condition 216: Types of performance tests - (2) Confirmatory performance test (ct)**

Effective between the dates of 10/25/2001 and 10/25/2006



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Facility DEC ID: 4422800056

**Applicable Federal Requirement: 40CFR 63.1207, Subpart EEE**

**Item 216.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 216.2:**

**The permittee must conduct confirmatory performance tests (ct) to demonstrate compliance with the dioxin/furan emission standards in this subpart, under normal conditions.**

**Item 216 .3:**

**The subsequent ct must commence no earlier than 18 months and no later than 31 (Thirty-one) months after the date of commencing the previous cpt.**

**Item 216 .4:**

**The ct must be completed within the 60 (Sixty) days after the date of commencement.**

**Item 216 .5:**

**The permittee must submit to the NYSDEC a notification of intention to conduct the ct at least 60 (Sixty) calendar days before the test is scheduled to begin.**

**Item 216 .6:**

**The NYSDEC will notify the permittee of approval or intent to deny approval of the test plan and CMS performance evaluation plan within 30 (Thirty) calendar days after receipt of the original plans.**

**Condition 217: Limits on operating parameters based on comprehensive performance testing.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1209, Subpart EEE**

**Item 217.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 217.2:**

**The permittee must establish limits on operating parameters (listed in the following Items) based on comprehensive performance testing to ensure the compliance with the emission standards of this subpart. If the performance tests for these standards are not performed simultaneously, the most stringent limit for a parameter derived from independent performance tests applies.**

**Item 217.3:**

**To comply with the destruction and removal efficiency (DRE) standard, the permittee must establish operating limits as per 63.1209(j) of this subpart.**

**Item 217.4:**

**To comply with the dioxins and furans standard, the permittee must establish operating limits as**



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per 63.1209(k) of this subpart.

**Item 217.5:**

To comply with the Mercury standard, the permittee must establish operating limits as per 63.1209(l) of this subpart.

**Item 217.6:**

To comply with the Particulate matter standard, the permittee must establish operating limits as per 63.1209(m) of this subpart.

**Item 217.7:**

To comply with the semi volatile metal (cadmium and lead) and low volatile metal (arsenic, beryllium, and chromium) standards, the permittee must establish operating limits as per 63.1209(n) of this subpart.

**Item 217.8:**

To comply with the hydrochloric acid and chlorine gas standard, the permittee must establish operating limits as per 63.1209(o) of this subpart.

**Condition 218: Initial notification that the permittee is subject to subpart EEE**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1210, Subpart EEE**

**Item 218.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 017

**Item 218.2:**

The permittee shall notify the NYSDEC in writing by January 30, 2000 (or within 120 calendar days after the source becomes subject to the relevant standards of this subpart ), that the source at the permittee's facility is subject to the relevant standards of this subpart

**Condition 219: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1210, Subpart EEE**

**Item 219.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 219.2:**

Compliance Certification shall include the following monitoring:

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**Facility DEC ID: 4422800056**



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within 90 (Ninety) days of completion of a comprehensive performance test or by June 30, 2003 whichever is earlier, the permittee must postmark and submit to the NYSDEC a Notification of Compliance (NOC) documenting compliance or noncompliance with the emission standards and CMS requirements of this subpart, and identifying operating parameter limits.

Upon postmark and submission of the NOC, the operating parameter limits identified in the NOC, as applicable, shall be complied with. The limits identified in the Documentation of Compliance (DOC) or a previous NOC are no longer applicable.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 220: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**

**Item 220.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 220.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must submit to the NYSDEC by October 1, 2001, the compliance progress reports associated with the NIC, as per 63.1211(b) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 221: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**



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**Facility DEC ID: 4422800056**

**Item 221.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 221.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must develop and submit to the NYSDEC a Documentation of Compliance (DOC) by September 30, 2002, as per 63.1211(d) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 222: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**

**Item 222.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 222.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must submit to the NYSDEC a written report within 5 (five) days of an emergency safety vent (ESV) opening that results in non compliance with the emission standards of this subpart, documenting the results of the investigation and corrective measures taken.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 223: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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**Facility DEC ID: 4422800056**



**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**

**Item 223.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 223.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each set of 10 (ten) exceedances of any emission standard or operating requirements during a 60-day block period, the permittee must submit to the NYSDEC a written report of exceedances within 5 (five) calendar days of the 10th exceedance.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 224: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

17

**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**

**Item 224.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 224.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any time an action taken by the permittee during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures specified in the affected source's ssm plan, the permittee must report the actions taken within 2 (two) working days followed by a letter within 7 (seven) working days of the non-compliance.

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Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 225: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.1211, Subpart EEE**

**Item 225.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

**Item 225.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The startup, shutdown, and malfunction report must be submitted (delivered or postmarked by the 30th day following the end of each calendar half - a reporting period) by the permittee to NYSDEC, if the startup, shutdown, or malfunction occurred during the reporting period.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 226: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 226.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 017

Emission Source: B0400

**Item 226.2:**

Compliance Certification shall include the following monitoring:

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





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**Monitoring Description:**

The maximum allowable combustion chamber exit temperature shall be 1,700 F. The owner and/or operator shall continuously monitor and record the combustion chamber exit temperature. All records shall be maintained on site for a period of five years.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 1,700 degrees Fahrenheit

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 every 6 calendar months (January - June, July - December)

**Condition 227: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 227.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 227.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 228: RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 228.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 228.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 229: New sources built after 3/1/93  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.1(d)(2)(x)**



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**Item 229.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 229.2:**

Any process subject to this requirement must demonstrate compliance upon startup.

**Condition 230: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.5(d)**

**Item 230.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 018

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 230.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a volatile organic liquid storage tank that is subject to 6NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 231: Applicability of General Provisions of 40 CFR 60 Subpart A**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 231.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 231.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.



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**Condition 232: Monitoring of operations.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 232.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 232.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 233: Records of the dimension and capacity of storage vessels**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 233.1:**

This Condition applies to Emission Unit: 0-00003  
Process: 018

**Item 233.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 234: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 234.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003  
Process: 018 Emission Source: F0424

**Item 234.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a



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capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 235: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 235.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 018

Emission Source: T0097

**Item 235.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 236: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)**

**Item 236.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003



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Process: 018      0      Emission Source: T0228

**Item 236.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent on an annual basis to ensure proper operation. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 237: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 237.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 039

**Item 237.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING



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**Facility DEC ID: 4422800056**

**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 238: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 238.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 039

**Item 238.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 239: Compliance Certification**

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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 239.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 039

Emission Source: B0400

**Item 239.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 241: Emissions from Existing Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 241.1:**

This Condition applies to Emission Unit: 0-00004

**Item 241.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 242: Existing sources - 212.3(b) particulate matter standard.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 242.1:**

This Condition applies to Emission Unit: 0-00004

**Item 242.2:**



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In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 243: Emissions from new emission sources and/or modifications**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 243.1:**

This Condition applies to Emission Unit: 0-00004

**Item 243.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 244: Emissions from new emission sources and/or modifications**  
**not specified by Table 2**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 244.1:**

This Condition applies to Emission Unit: 0-00004

**Item 244.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 245: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 245.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 245.2:**

Compliance Certification shall include the following monitoring:





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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 246: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 246.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00004

**Item 246.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or



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

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 263: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 263.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00004

**Item 263.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 247: Applicability - located outside Lower Orange County and NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 247.1:**

This Condition applies to Emission Unit: 0-00004

**Item 247.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 248: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.5(d)**

**Item 248.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00004

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 248.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a volatile organic liquid storage tank that is subject to 6NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 249: Applicability of General Provisions of 40 CFR 60 Subpart A**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**



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**Item 249.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 014

**Item 249.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 250: Monitoring of operations.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 250.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 014

**Item 250.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 251: Records of the dimension and capacity of storage vessels**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 251.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 014

**Item 251.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 252: Amino/Phenolic Resins MACT**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 252.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 014

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**Item 252.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 252.4 below.

**Item 252.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

**Item 252.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 253: VOL storage tanks from 10000 - 20000 gallons**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 253.1:**

This Condition applies to Emission Unit: 0-00004

Process: 014

Emission Source: T0154

**Item 253.2:**

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.



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**Condition 254: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 254.1:**

This Condition applies to Emission Unit: 0-00004

Process: 014

Emission Source: T0156

**Item 254.2:**

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 255: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 255.1:**

This Condition applies to Emission Unit: 0-00004

Process: 014

Emission Source: T0168

**Item 255.2:**

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 256: VOL storage tanks from 10000 - 20000 gallons**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)**

**Item 256.1:**

This Condition applies to Emission Unit: 0-00004

Process: 014

Emission Source: T0169

**Item 256.2:**

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 257: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 257.1:**

This Condition applies to Emission Unit: 0-00004

Process: 015



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**Item 257.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 258: Monitoring of operations.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb**

**Item 258.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 015

**Item 258.2:**

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

**Condition 259: Records of the dimension and capacity of storage vessels**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 259.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 015

**Item 259.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

**Condition 260: Startup, shutdown, malfunction operational standards**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 260.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 015

**Item 260.2:**

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



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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 261: Applicability of General Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 261.1:**

This Condition applies to Emission Unit: 0-00004  
Process: 015

**Item 261.2:**

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 262: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.123(a), Subpart G**

**Item 262.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00004  
Process: 015

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

**Item 262.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Monitoring Description:**

Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 264: Emissions from Existing Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 264.1:**

This Condition applies to Emission Unit: 0-00005

**Item 264.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 265: Existing sources - 212.3(b) particulate matter standard.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 265.1:**

This Condition applies to Emission Unit: 0-00005

**Item 265.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 266: Emissions from new emission sources and/or modifications**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 266.1:**

This Condition applies to Emission Unit: 0-00005

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**Item 266.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 267: Emissions from new emission sources and/or modifications not specified by Table 2**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 267.1:**

This Condition applies to Emission Unit: 0-00005

**Item 267.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 268: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 268.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00005

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 268.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5



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Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 269: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 269.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00005

**Item 269.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

The Department reserves the right to perform or require



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the performance of a Method 9 opacity evaluation.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 271: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 271.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00005

**Item 271.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 270: Applicability - located outside Lower Orange County and  
NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 270.1:**

This Condition applies to Emission Unit: 0-00005

**Item 270.2:**



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**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 272: Emissions from Existing Sources**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 272.1:**

This Condition applies to Emission Unit: 0-00006

**Item 272.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 273: Existing sources - 212.3(b) particulate matter standard.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 273.1:**

This Condition applies to Emission Unit: 0-00006

**Item 273.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 274: Emissions from new emission sources and/or modifications**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 274.1:**

This Condition applies to Emission Unit: 0-00006

**Item 274.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 275: Emissions from new emission sources and/or modifications**  
**not specified by Table 2**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 275.1:**

This Condition applies to Emission Unit: 0-00006

**Item 275.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 276: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 276.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 276.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 277: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 277.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

**Item 277.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 303: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

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**Item 303.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

**Item 303.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 278: Applicability - located outside Lower Orange County and  
NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 278.1:**

This Condition applies to Emission Unit: 0-00006

**Item 278.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 279: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**





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**Item 279.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 012

**Item 279.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 280: RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 280.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 012

**Item 280.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 281: Amino/Phenolic Resins MACT  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 281.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 012

**Item 281.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 281.4 below.

**Item 281.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this



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obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

**0**

**Item 281.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 282: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 282.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 013

**Item 282.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 283: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 283.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 013

**Item 283.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.



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**Condition 284: Startup, shutdown, malfunction operational standards**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 284.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 013

**Item 284.2:**

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 285: Applicability of General Provisions**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 285.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 013

**Item 285.2:**

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 286: Exemption from monitoring of heat exchange system -  
pressurizing coolant water**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.104(a)(1), Subpart F**

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**Item 286.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 013

**Item 286.2:**

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 287: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.152(d)(1), Subpart G**

**Item 287.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006  
Process: 013

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

**Item 287.2:**

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 288: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**0**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 288.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 031

**Item 288.2:**

Volatile organic compound emission points which are equipped with a capture system and a control



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device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 289: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 289.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 031

**Item 289.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 290: Amino/Phenolic Resins MACT**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 290.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 031

**Item 290.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 290.4 below.

**Item 290.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

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**Item 290.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 291: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 291.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 032

**Item 291.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 292: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 292.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 032

**Item 292.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 293: Amino/Phenolic Resins MACT**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 293.1:**



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This Condition applies to Emission Unit: 0-00006  
Process: 032

**Item 293.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 293.4 below.

**Item 293.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

**Item 293.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 294: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 294.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 033

**Item 294.2:**

Volatile organic compound emission points which are equipped with a capture system and a control



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device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 295: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 295.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 033

**Item 295.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 296: Amino/Phenolic Resins MACT  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 296.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 033

**Item 296.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 296.4 below.

**Item 296.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).



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**Item 296.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 297: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 297.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 034

**Item 297.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 298: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 298.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 034

**Item 298.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 299: Amino/Phenolic Resins MACT**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 299.1:**



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This Condition applies to Emission Unit: 0-00006  
Process: 034

**Item 299.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 299.4 below.

**Item 299.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

**Item 299.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 300: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 300.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 038

**Item 300.2:**

Volatile organic compound emission points which are equipped with a capture system and a control



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device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 301: RACT analysis not required for emission points less than 3 lb/hr VOC or NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 301.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 038

**Item 301.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 302: Amino/Phenolic Resins MACT**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 302.1:**

This Condition applies to Emission Unit: 0-00006  
Process: 038

**Item 302.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 302.4 below.

**Item 302.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.

In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

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**Item 302.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 304: Emissions from Existing Sources**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 304.1:**

This Condition applies to Emission Unit: 0-00007

**Item 304.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 305: Existing sources - 212.3(b) particulate matter standard.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 305.1:**

This Condition applies to Emission Unit: 0-00007

**Item 305.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 306: Emissions from new emission sources and/or modifications**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 306.1:**

This Condition applies to Emission Unit: 0-00007



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**Item 306.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 307: Emissions from new emission sources and/or modifications not specified by Table 2**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 307.1:**

This Condition applies to Emission Unit: 0-00007

**Item 307.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 308: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 308.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 308.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING



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**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**DESCRIPTION**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 309: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 309.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00007

**Item 309.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 313: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 313.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00007

**Item 313.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

- b No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 310: Applicability - located outside Lower Orange County and  
NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 310.1:**

This Condition applies to Emission Unit: 0-00007

**Item 310.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York**



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**Facility DEC ID: 4422800056**

**City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 311: 212.10 (c)(4)(i) - RACT for major facilities of VOCs.  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10**

**Item 311.1:**

This Condition applies to Emission Unit: 0-00007  
Process: 030

**Item 311.2:**

Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81% are equipped with reasonably available control technology.

**Condition 312: RACT analysis not required for emission points less than 3  
lb/hr VOC or NOx  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.10(c)(1)**

**Item 312.1:**

This Condition applies to Emission Unit: 0-00007  
Process: 030

**Item 312.2:**

A reasonably available control technology (RACT) analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas.

**Condition 314: Emissions from Existing Sources  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 314.1:**

This Condition applies to Emission Unit: 0-00008

**Item 314.2:** No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 315: Existing sources - 212.3(b) particulate matter standard.  
Effective between the dates of 10/25/2001 and 10/25/2006**



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**



**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 315.1:**

This Condition applies to Emission Unit: 0-00008

**Item 315.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 316: Emissions from new emission sources and/or modifications  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 316.1:**

This Condition applies to Emission Unit: 0-00008

**Item 316.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 317: Emissions from new emission sources and/or modifications  
not specified by Table 2  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 317.1:**

This Condition applies to Emission Unit: 0-00008

**Item 317.2:**

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

**Condition 318: Compliance Certification  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 318.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00008



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**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 318.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 319: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 319.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00008

**Item 319.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall conduct a visible emissions observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources once per day, during daylight hours, except during



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conditions of extreme weather (fog, snow, rain). If any visible emissions are noted, corrective action may be required.

If any visible emissions (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point and/or emission source, the facility owner/operator will notify the Department of the observations within one business day. The facility owner/operator will also perform a Method 9 analysis of the affected emission point and submit the results to the Department.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 321: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 321.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00008

**Item 321.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.



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Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 320: Applicability - located outside Lower Orange County and NYC Metro**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 320.1:**

This Condition applies to Emission Unit: 0-00008

**Item 320.2:**

**Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of section 212.10-Reasonably Available Control Technology for major facilities.**

**Condition 322: Amino/Phenolic Resins MACT**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63, Subpart OOO**

**Item 322.1:**

This Condition applies to Emission Unit: 0-00009

**Item 322.2:**

The permittee has indicated that this unit is subject to 40 CFR 63 Subpart OOO, "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins." This unit must be in compliance with Subpart OOO by the existing affected source compliance deadline of January 20, 2003. Any newly constructed or reconstructed affected sources must be in compliance upon startup. The permittee has not yet indicated which compliance options allowed by the regulation will be used to comply with it. The permittee must submit an application for a significant permit modification indicating which compliance options will be used as well as monitored parameter values by the same date as the Notification of Compliance Status due pursuant to Subpart OOO and the General Provisions of 40 CFR 63 Subpart A, as described in Item 322.4 below.

**Item 322.3:**

The General Provisions of 40 CFR 63 Subpart A require initial notifications be submitted affected sources within 120 days after the effective date of the specific MACT rule. The permittee has fulfilled this obligation. The General Provisions also require items such as requests for extension of compliance to be submitted prior to the compliance date of the rule.



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In addition if the permittee wishes to request an extension of compliance or other approvals listed in §63.1417(d), Subpart OOO requires a Precompliance Report be submitted no later than 12 months prior to the compliance date. The Precompliance Report must contain the information specified in §63.1417(d)(2) through (d)(11).

**Item 322.4:**

§63.1417(e) requires a Notification of Compliance Status for all effected sources within 150 days after the compliance date. For existing sources, this is June 19, 2003. For equipment leaks, the Notification of Compliance Status shall contain the information specified in 40 CFR 63, Subpart UU. For storage vessels, continuous process vents, batch process vents, and aggregate batch vent streams, the Notification of Compliance Status shall contain the information listed in 40 CFR 63.1417(e)(1) through (e)(6). This includes but is not limited to, the results of emission point applicability determinations, performance tests, design evaluations, and any other information used to demonstrate compliance. The required information may also include, but is not limited to, the specific maximum or minimum level of the monitored parameter(s) for each emission point, the rationale and calculations for that level, and the results of predominant use determinations for storage vessels.

**Condition 323: Startup, shutdown, malfunction operational standards  
Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 323.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 323.2:**

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 324: Applicability of General Provisions**



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**Facility DEC ID: 4422800056**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 324.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 324.2:**

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 325: Scheduling of initial performance tests**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 325.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 325.2:**

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 326: Waiver of performance test**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 326.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 326.2:**

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.

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**Condition 327: Record retention**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 327.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 327.2:**

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.

**Condition 328: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 328.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009  
Process: 021

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

**Item 328.2:**

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.

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**Facility DEC ID: 4422800056**



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 MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 329: Submittal of reports**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 329.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 329.2:**

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 330: General standards - identification of equipment**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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





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**Facility DEC ID: 4422800056**

**Item 330.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 330.2:**

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 331: General standards - Detection of leaks in pumps, connectors, closed vent systems and control devices, agitators, and compressors**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 331.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 331.2:**

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 332: General standards - detection of leaks in valves**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 332.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 332.2:**

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.

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**Condition 333: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.166, Subpart H**



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

**Item 333.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 333.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each sampling collection system shall be equipped with a closed-purge, closed-loop, or closed-vent system. Gases displaced during filling of the sampling container are not required to be collected or captured.

Each closed-purge, closed-loop, or closed-vent system shall:

- 1) return the purged process fluid directly to the process line; or
- 2) collect and recycle the purged process fluid to a process; or
- 3) be designed and operated to capture and transport the purged process fluid to a control device that complies with the requirements of 40CFR63.172; or
- 4) collect, store, and transport the purged process fluid to a system or facility identified in 40CFR63.166(b)(4)(i), (ii), or (iii).

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 334: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 334.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):



**New York State Department of Environmental Conservation**

**Permit ID: 4-4228-00056/00469**

**Facility DEC ID: 4422800056**

CAS No: 0NY100-00-0 HAP

**Item 334.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve that shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 335: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 335.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 335.2:**

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: UPON REQUEST BY REGULATORY AGENCY

**Condition 336: Standards for open-ended valves with double block and bleed system**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 336.1:**



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**Facility DEC ID: 4422800056**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 336.2:**

When a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with §63.167(a) at all other times.

**Condition 337: Standards for open-ended valves/lines during emergency shutdown**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 337.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 337.2:**

Open-ended valves and lines in an emergency shutdown system which are designed to open automatically in the event of a process upset are exempt from the requirements of §63.167(a), (b), and (c).

**Condition 338: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.169, Subpart H**

**Item 338.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009  
Process: 021

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

**Item 338.2:**

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



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method. If a potential leak is repaired, it is not necessary to monitor the system for leaks.

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 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: VOC's

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 500 parts per million (by volume)

Reference Test Method: 40CFR63.180(b)

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 339: Delay of repair - general**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 339.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 339.2:**

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



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process unit shutdown.

**Condition 340: Delay of repair for isolated equipment**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 340.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 340.2:**

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 341: Delay of repair - valves, connectors, and agitators**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 341.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 341.2:**

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 342: Delay of repair - pumps**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 342.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 342.2:**

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



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

**Condition 343: Delay of repair beyond process unit shutdown**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 343.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 343.2:**

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 344: General recordkeeping requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 344.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 344.2:**

All records and information required shall be maintained in a manner that can be readily accessed at the plant site.

**Condition 345: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 345.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009  
Process: 021

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

**Item 345.2:**

Compliance Certification shall include the following monitoring:

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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.





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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.

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 346: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 346.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 346.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For visual inspections of equipment that are done in order to comply with provisions in this subpart, the owner/operator shall document that the inspection was conducted and the date of the inspection. These records shall be kept for 2 years.

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002



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**Condition 347: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 347.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 347.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When each leak is detected as specified in 40CFR63.163, 164, 168, 169, 172, 173, and 174, the following information shall be recorded and kept for 2 years:

- 1) The instrument and the equipment identification number
- 2) The operator name, initials, or identification number
- 3) The date the leak was detected
- 4) The date of first attempt at repair
- 5) The date of successful repair of the leak.
- 6) Maximum instrument reading measured by Method 21 after it is successfully repaired or determined to be nonrepairable.
- 7) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days. If the reason for the delay is because of depletion of stocked parts, there must be documentation that the spare parts were sufficiently stocked on-site before depletion and the reason for depletion.
- 8) Dates of process unit shutdowns that occur while the equipment is unrepaired.
- 9) Identification of connectors that have been opened or otherwise had the seal broken since the last monitoring period.
- 10) Copies of all periodic reports, if records are not maintained on a computerized database capable of generating summary reports from the records.



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Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 348: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 348.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 348.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator shall keep the dates and results of each compliance test required for compressors and pressure relief devices in gas/vapor service which are subject to a monitoring threshold of 500 ppm above background concentration. The results shall include the background level measured during each compliance test and the maximum instrument reading measured at each piece of equipment during each compliance test.

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 349: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 349.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 021

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP



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**Item 349.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of equipment in heavy liquid service shall either:

1) Retain information, data, and analyses used to determine that a piece of equipment is in heavy liquid service; or

2) When requested, demonstrate that the piece of equipment or process is in heavy liquid service.

A determination or demonstration that a piece of equipment or process is in heavy liquid service shall include an analysis or demonstration that the process fluids do not meet the definition of "in light liquid service".

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 350: Reporting standards - general**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.182(a), Subpart H**

**Item 350.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021

**Item 350.2:**

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 351: Reporting requirements - periodic reports**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.182(d), Subpart H**

**Item 351.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 021



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**Item 351.2:**

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 352: Applicability of 40CFR63 Subpart A - general provisions**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.680(f), Subpart DD**

**Item 352.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 022

**Item 352.2:**

Owners or operators of affected sources subject to 40CFR63 Subpart DD 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 2 of Subpart DD. 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 353: Equipment leak provisions**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.683(b)(3), Subpart DD**

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**Item 353.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 022

**Item 353.2:**

For each equipment component that is part of an affected source and meets all of the following criteria, the owner/operator shall control the HAP emitted from equipment leaks by implementing control measures in accordance with the standards specified in §63.691:

- 1) The equipment component contains or contacts off-site material having a total HAP concentration equal to or greater than 10 percent by weight.
- 2) The equipment piece is a pump, compressor, agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector, or instrumentation system; and
- 3) The equipment piece is intended to operate 300 hours or more during a 12-month period.

**Condition 354: Equipment leak standards - Subpart V option**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 63.691, Subpart DD**

**Item 354.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 022

**Item 354.2:**

The owner/operator shall control the HAP emitted from equipment leaks in accordance with the applicable provisions of 40CFR61.242 through 40CFR61.247 in subpart V - National Emission Standards for Equipment Leaks.

**Condition 355: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-2(a)(1), NESHAP Subpart V**

**Item 355.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009  
Process: 023

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

**Item 355.2:**

Compliance Certification shall include the following monitoring:

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

**Monitoring Description:**

Each pump shall be monitored monthly to detect leaks by using Method 21. If an instrument reading of 10,000 ppm or greater 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 it is detected.

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

Parameter Monitored: VOC

Upper Permit Limit: 10000 parts per million (by volume)

Reference Test Method: 21

Monitoring Frequency: MONTHLY

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 356: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-2(a)(2), NESHAP Subpart V**

**Item 356.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 023

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 356.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

**Monitoring Description:**

Each pump shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. When a leak is detected, a first attempt at repair shall be made within 5 calendar days after each leak is detected and final repair shall be completed as soon as practicable but not later than 15 calendar days after detection.

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Monitoring Frequency: WEEKLY

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002

**Condition 357: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-4, NESHAP Subpart V**

**Item 357.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 023

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 357.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the test method specified in §61.245(c).

After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions, as 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, except as provided in the delay of repair provisions listed in §61.242-10.

No later than 5 calendar days after the pressure release, the pressure relief device shall be monitored to confirm the condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the test methods listed in §61.245(c).

Parameter Monitored: VOC





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Upper Permit Limit: 0 parts per million by weight

Reference Test Method: EPA Method 21

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 358: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-6, NESHAP Subpart V**

**Item 358.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 023

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 358.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, unless the owner/operator is granted an alternative method of compliance as provided in §61.242-1(c). 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.

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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. When a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with this condition at all other times.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 359: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-7(a), NESHAP Subpart V**

**Item 359.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 023

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 359.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each valve shall be monitored monthly to detect leaks using Method 21. If an instrument reading of 10,000 ppm or greater is measure, a leak is detected. When a leak is detected, the valve shall be repaired as soon as practicable, but no later than 15 calendar days after detection. A first attempt at repair shall be made no later than 5 calendar days after detection and may include tightening of the bonnet bolts, replacement of bonnet bolts, tightening of packing gland nuts, and injection of lubricant into lubricated packing.

Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter, beginning with the next quarter, until a leak is detected. If a leak is detected, the valve shall be monitored monthly until a leak is not detected for 2 successive months.

Parameter Monitored: VOC

Upper Permit Limit: 10000 parts per million (by volume)

Reference Test Method: 21

Monitoring Frequency: MONTHLY

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 05/24/2002 for the period 10/25/2001 through 04/24/2002



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**Condition 360: Standards for valves: exemption for difficult-to-monitor valves**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-7(h), NESHAP Subpart V**

**Item 360.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 023

**Item 360.2:**

Any valve that is designated, as described in 40CFR61.246(f)(2), as a difficult-to-monitor valve is exempt from the valve monitoring requirements of Subpart V if:

- 1) The owner/operator demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface;
- 2) The process unit within which the valve is located is an existing process unit; and
- 3) The owner/operator follows a written plan that requires monitoring of the valve at least once per calendar year.

**Condition 361: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-8, NESHAP Subpart V**

**Item 361.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009  
Process: 023

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

**Item 361.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Pressure relief devices in liquid service and flanges and other connectors shall be monitored within 5 days by the method specified in §61.245(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method, unless the owner/operator is granted an alternative method of compliance as provided in §61.242-1(c).

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If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. This leak shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in the delay of repair provisions listed in §61.242-10.

The first attempt at repair shall be made no later than 5 calendar days after each leak is detected, and shall include, but are not limited to, tightening of bonnet bolts, replacement of bonnet bolts, tightening of packing gland nuts; and injection of lubricant into lubricated packing.

Parameter Monitored: VOC

Upper Permit Limit: 10000 parts per million by weight

Reference Test Method: 21

Monitoring Frequency: AS REQUIRED - SEE 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 every 6 calendar months (January - June, July - December)

**Condition 362: Standards for delay of repair**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.242-10, NESHAP Subpart V**

**Item 362.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 023

**Item 362.2:**

Delay of repair of equipment for which leaks have been detected will be allowed if:

- 1) the repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occur before the end of the next process unit shutdown;
- 2) if the equipment is isolated from the process and does not remain in VHAP service
- 3) for valves, if the owner/operator demonstrates that emissions of purged material resulting from immediate repair are 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 40CFR61.242-11; or
- 4) for pumps, repair requires the use of a dual mechanical seal system that includes a barrier fluid system,



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

**Condition 363: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 61.243-2, NESHAP Subpart V**

**Item 363.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 023

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 363.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner/operator shall comply initially with the requirements for valves, as described in §61.242-7.

After 2 consecutive quarterly leak detection periods where the percentage of valves leaking is equal to or less than 2.0, the owner/operator may begin skipping one of the quarterly leak detection periods for the valves in VHAP service.

After 5 consecutive quarterly leak detection periods with the percentage of valves leaking equal to or less than 2.0, an owner/operator may begin to skip 3 of the quarterly leak detection periods for the valves in VHAP service.

If the percentage of valves leaking is greater than 2.0, the owner/operator shall comply with the requirements as described in §61.242-7, but may again elect to use this condition.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 364: Compliance Certification**



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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.3(a)**

**Item 364.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 025

**Item 364.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a synthetic organic chemical manufacturing facility must monitor each of the following process unit components for leaks, on a quarterly schedule:

- (1) each pump in light liquid service;
- (2) each compressor in gas/vapor service;
- (3) each valve in light liquid service; and
- (4) each valve in gas/vapor service.

Monitoring Frequency: QUARTERLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 365: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.3(c)**

**Item 365.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009

Process: 025

**Item 365.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a synthetic organic chemical

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manufacturing facility must also comply with the following component standards:

(1) Pumps in light liquid service must be visually inspected each calendar week for evidence of liquids dripping. Any leaks detected during visual inspection must be repaired in accordance with Part 236.4.

(2) Pressure relief devices in gas/vapor service must be monitored for leaks within 5 days of an over-pressure release. Any leaks detected during monitoring must be repaired in accordance with Part 236.4.

(3) Open-ended valves or lines in gas/vapor or light liquid service must be sealed with either a second valve, blind flange, cap, or plug. The sealing device may only be removed while a sample is being taken or during maintenance operations:

(i) When a second valve is used, each open-ended line or valve equipped with a second valve shall be operated in such a manner that the valve on the process fluid end is closed before the second valve is closed, and

(ii) When a double block-and-bleed system is used, the bleed valve or line may remain open only during operations that require venting of the line between the block valves, but shall be closed at all other times.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 366: Repair requirements**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.4(a)**

**Item 366.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 366.2:**

Any owner or operator of a synthetic organic chemical manufacturing facility shall repair leaking components in accordance with this section.

**Condition 367: Repairing leaking components**

**Effective between the dates of 10/25/2001 and 10/25/2006**



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**Applicable Federal Requirement: 6NYCRR 236.4(b)**

**Item 367.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 367.2:**

Once a leaking component is identified, any owner or operator subject to this Part must:

(1) affix a weather proof and readily visible tag to the leaking component bearing an identification number and the date the leak was detected. This tag must not be removed until the component is repaired and passes reinspection.

(2) make an initial attempt to repair the leaking component within 5 days;

(3) repair the leaking component as soon as practicable, but not later than 15 calendar days after the leak is detected; and

(4) remonitor all leaking components with 48 hours after repairs have been completed.

**Condition 368: Repair requirements - delay of repair**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.4(c)**

**Item 368.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 368.2:**

Delay of repair of components as described in Part 236.4(b) will be allowed by the department provided an initial attempt to repair is made after which a decision is made by a duly authorized representative of the facility that replacement parts necessary to complete the repair are not available in time, or that repair of the leaking component is technically infeasible with a process unit shutdown. Repair of such a component must be completed during the next process unit shutdown and before subsequent start-up.

**Condition 369: Repairs during process unit shutdown**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.4(d)**

**Item 369.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 369.2:**

DEC may require the rescheduling of a planned process unit shutdown to an earlier date based on the number and severity of tagged leaks awaiting repair at shutdown. Before requiring a rescheduled





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shutdown, DEC shall consider the effect of the shutdown and shall so direct the source owner in writing to comply with the rescheduled shutdown. The source owner shall comply with DEC's directive, or shall request that a directed rescheduling of a planned process unit shutdown be reconsidered according to the procedures in this subdivision.

**Condition 370: Develop leak detection and repair plan - Part 236.5(a)**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.5**

**Item 370.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 370.2:**

The owner or operator of a synthetic organic chemical manufacturing facility subject to this Part must develop and conduct a leak detection and repair plan consistent with the provisions of this Part.

**Condition 371: Implement leak detection and repair plan - part 236.5(b)**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.5**

**Item 371.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 371.2:**

The owner or operator of a synthetic organic chemical manufacturing facility subject to this Part must have implemented a leak detection and repair plan by July 10, 1992. The plan must contain, as a minimum, a list of process components subject to the provisions, of this Part, a copy of the log book format, and the make and model of the monitoring equipment to be used.

**Condition 372: Inspection log requirements - Part 236.5(d)**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.5**

**Item 372.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 372.2:**

A copy of the inspection log must be retained at the plant for a minimum of two years after the date on which the report for the inspection period was prepared, and must be made available to DEC upon request.

**Condition 373: Quarterly reports - Part 236.5(e)**



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**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.5**

**Item 373.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 373.2:**

As of July 10, 1992, the owner or operator of a synthetic organic chemical manufacturing facility shall submit quarterly reports to DEC for the preceding quarterly monitoring period. These reports must be submitted within 15 days from the close of the quarter and shall contain the information listed in Part 236.5(e).

**Condition 374: Record information in a log book - Part 236.5(c)**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 236.5**

**Item 374.1:**

This Condition applies to Emission Unit: 0-00009  
Process: 025

**Item 374.2:**

The owner or operator of a synthetic chemical manufacturing facility subject to this part must record the information listed in Part 236.5(c) in an inspection log for each leaking compound found.

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**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 375: General Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 201-5.**

**Item 375.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 375.2:**

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.

**Item 375.3:**

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

**Condition 376: Contaminant List**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 376.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY998-00-0

Name: VOC

CAS No: 007439-97-6

Name: MERCURY



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CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 377: Air pollution prohibited**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 377.1:**

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.