New York State Department of Environmental Conservation
Facility DEC ID: 5415400002

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-4154-00002/01743
Mod 0 Effective Date: 11/27/2001 Expiration Date: 11/26/2006

Mod 1 Effective Date: 09/01/2002 Expiration Date: 11/26/2006

Mod 2 Effective Date: 05/10/2004 Expiration Date: 11/26/2006

Mod 3 Effective Date: 03/01/2005 Expiration Date: 11/26/2006

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

Contact: GENERAL ELECTRIC CO
3135 EASTON TPKE
FAIRFIELD, CT 06431
(203) 373-2211

Facility: GE SILICONES WATERFORD FACILITY
260 HUDSON RIVER RD
WATERFORD, NY 12188

Contact: DAVID C HOFFMAN
GENERAL ELECTRIC COMPANY
260 HUDSON RIVER RD
WATERFORD, NY 12188
(518) 233-3536

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: WALTER L HAYNES
DIVISION OF ENVIRONMENTAL PERMITS
232 HUDSON ST, PO BOX 220
WARRENSBURG, NY 12885-0220

New York State Department of Environmental Conservation
Facility DEC ID: 5415400002

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

LIST OF CONDITIONS

DEC GENERAL CONDITIONS
General Provisions
Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for Permit Renewals and Modifications
Applications for Permit Renewals and Modifications
Permit Modifications, Suspensions and Revocations by the Department
Permit Modifications, Suspensions, and Revocations by the Department
Facility Level
Submission of Applications for Permit Modification or Renewal -REGION 5 SUBOFFICE

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

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

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

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

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

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

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

Condition 1-1: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 1-1.1:
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 1-1.2:
The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 1-1.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Expired by Mod No: 1

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 1-2: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 1-2.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Expired by Mod No: 1

Item 4.1:
The Department reserves the right to modify, suspend, or revoke this permit. The grounds for 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 5 SUBOFFICE
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 5 Sub-office
Division of Environmental Permits
232 Hudson St, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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

Facility: GE SILICONES WATERFORD FACILITY
260 HUDSON RIVER RD
WATERFORD, NY 12188

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

Mod 0 Permit Effective Date: 11/27/2001 Permit Expiration Date: 11/26/2006

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

24 6NYCRR 201-6: Emission Unit Definition
1-1 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
1-2 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
25 6NYCRR 201-6.5(c)(3): Compliance Certification
1-3 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
1-4 6NYCRR 201-6.5(e): Compliance Certification
1-5 6NYCRR 201-6.5(f): Compliance Certification
33 6NYCRR 202-2.1: Compliance Certification
34 6NYCRR 202-2.5: Recordkeeping requirements
1-6 6NYCRR 212: Compliance Certification
1-7 6NYCRR 212.3(a): Compliance Certification
1-8 6NYCRR 212.4(a): Compliance Certification
3-1 6NYCRR 212.4(b): Compliance Certification
1-9 6NYCRR 212.4(b): Compliance Certification
2-1 6NYCRR 212.4(c): Compliance Certification
1-11 6NYCRR 212.5(d): Compliance Certification
2-2 6NYCRR 212.6(a): Compliance Certification
1-12 6NYCRR 212.10(c)(4)(i): Compliance Certification
43 6NYCRR 212.10(c)(4)(i): Compliance Certification
44 6NYCRR 212.10(c)(4)(i): Compliance Certification
1-13 6NYCRR 212.10(c)(4)(iii): Compliance Certification
48 6NYCRR 225-1.2(a)(2): Compliance Certification
49 6NYCRR 225-1.8(a): Compliance Certification
50 6NYCRR 226.2: Compliance Certification
51 6NYCRR 226.3(a): Compliance Certification
52 6NYCRR 226.4(a): Compliance Certification
53 6NYCRR 227-1.3: Compliance Certification
54 6NYCRR 227-2.5(a): Compliance Certification
1-14 6NYCRR 229.3(e)(1): Compliance Certification
56 6NYCRR 229.3(e)(2)(iv): Compliance Certification
57 6NYCRR 229.3(e)(2)(iv): Compliance Certification
58 6NYCRR 229.3(e)(2)(iv): Compliance Certification
59 6NYCRR 229.3(e)(2)(iv): Compliance Certification
60 6NYCRR 229.3(e)(2)(v): Compliance Certification
61 6NYCRR 229.3(e)(2)(v): Compliance Certification
62 6NYCRR 229.5(d): Compliance Certification
63 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
1-15 40CFR 60.112b(a)(3), NSPS Subpart Kb: Compliance Certification
65 40CFR 60.113b(c), NSPS Subpart Kb: Compliance Certification
66 40CFR 60.115b(c), NSPS Subpart Kb: Compliance Certification

1-16 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification
68 40CFR 63.1206, Subpart EEE: Compliance Certification
3-2 40CFR 68: Accidental release provisions.

Emission Unit Level

70 6NYCRR 201-6: Emission Point Definition By Emission Unit
71 6NYCRR 201-6: Process Definition By Emission Unit

EU=C-23002

74 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=C-27018,Proc=EQL

75 40CFR 63.102(a)(2), Subpart F: Compliance Certification
1-18 40CFR 63.160, Subpart H: Compliance Certification
77 40CFR 63.162(c), Subpart H: General standards - identification of equipment
78 40CFR 63.162(f), Subpart H: General standards - detection of leaks in valves
79 40CFR 63.162(f), Subpart H: Compliance Certification
80 40CFR 63.163(a), Subpart H: Compliance Certification
81 40CFR 63.163(b)(1), Subpart H: Compliance Certification
82 40CFR 63.163(b)(2), Subpart H: Compliance Certification
83 40CFR 63.163(b)(3), Subpart H: Compliance Certification
84 40CFR 63.163(d)(1), Subpart H: Pumps in light liquid service - percent leaking pumps calculation
85 40CFR 63.164(i), Subpart H: Compressor standards - non-detectable emissions option
86 40CFR 63.165(d)(2), Subpart H: Compliance Certification
87 40CFR 63.166, Subpart H: Compliance Certification
88 40CFR 63.167(a)(1), Subpart H: Compliance Certification
89 40CFR 63.167(b), Subpart H: Compliance Certification
90 40CFR 63.167(c), Subpart H: Standards for open-ended valves with double block and bleed system
91 40CFR 63.167(d), Subpart H: Standards for open-ended valves/lines during emergency shutdown
92 40CFR 63.168(b), Subpart H: Compliance Certification
93 40CFR 63.168(f)(1), Subpart H: Compliance Certification
94 40CFR 63.168(h), Subpart H: Standards for valves in gas/vapor and light liquid service - unsafe-to-monitor valves
95 40CFR 63.168(i), Subpart H: Standards for valves in gas/vapor and light liquid service - difficult-to-monitor valves
96 40CFR 63.171(a), Subpart H: Delay of repair - general
97 40CFR 63.171(b), Subpart H: Delay of repair for isolated equipment
98 40CFR 63.171(c), Subpart H: Delay of repair - valves, connectors, and agitators
99 40CFR 63.171(d), Subpart H: Delay of repair - pumps
100 40CFR 63.171(e), Subpart H: Delay of repair beyond process unit shutdown
101 40CFR 63.174(a), Subpart H: Compliance Certification

102 40CFR 63.174(c)(1)(i), Subpart H: Connectors in gas/vapor or light liquid service - provisions for sealed connectors
103 40CFR 63.174(c)(2), Subpart H: Connectors in gas/vapor or light liquid service - screwed connectors
104 40CFR 63.174(f), Subpart H: Connectors in gas/vapor or light liquid service - unsafe-to-monitor
105 40CFR 63.174(g), Subpart H: Connectors in gas/vapor or light liquid service - unsafe-to-repair
106 40CFR 63.174(h)(1), Subpart H: Connectors in gas/vapor or light liquid service - inaccessible or ceramic connectors
1-19 40CFR 63.175, Subpart H: Compliance Certification
108 40CFR 63.176, Subpart H: Compliance Certification
1-20 40CFR 63.180, Subpart H: Compliance Certification
110 40CFR 63.181(a), Subpart H: General recordkeeping requirements
111 40CFR 63.181(b), Subpart H: Compliance Certification
112 40CFR 63.181(c), Subpart H: Compliance Certification
113 40CFR 63.181(d), Subpart H: Compliance Certification
114 40CFR 63.181(f), Subpart H: Compliance Certification
115 40CFR 63.181(h), Subpart H: Compliance Certification
116 40CFR 63.182(d), Subpart H: Reporting requirements - periodic reports

EU=C-27018,Proc=FRP
3-3 6NYCRR 212.4(c): Compliance Certification

EU=C-27018,Proc=HWW
117 40CFR 63.104, Subpart F: Delay of repair provisions for heat exchange systems
118 40CFR 63.104, Subpart F: Provisions for handling leaks found in heat exchanger coolant
119 40CFR 63.104, Subpart F: Compliance Certification
120 40CFR 63.104, Subpart F: Compliance Certification

EU=C-27018,Proc=LBD,ES=IB365
121 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
122 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
123 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
124 40CFR 60.8(d), NSPS Subpart A: Prior notice.
125 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
126 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
127 40CFR 60.702(a), NSPS Subpart RRR: Compliance Certification
128 40CFR 60.703(c), NSPS Subpart RRR: Compliance Certification

EU=C-27018,Proc=MCR
129 40CFR 60.705(r), NSPS Subpart RRR: Compliance Certification

EU=C-27018,Proc=MCS
130 40CFR 63.113, Subpart G: Compliance Certification

131 40CFR 63.113(a)(2), Subpart G: Compliance Certification
132 40CFR 63.114, Subpart G: Compliance Certification

EU=C-27018,Proc=MIV
133 40CFR 60.662(a), NSPS Subpart NNN: Compliance Certification
134 40CFR 60.663(a), NSPS Subpart NNN: Compliance Certification
135 40CFR 60.665, NSPS Subpart NNN: Boiler/Process Heater(<44MW) Recordkeeping and Reporting Requirements (SOCMI Distillation NSPS)
136 40CFR 60.705(r), NSPS Subpart RRR: Compliance Certification

EU=C-27018,Proc=MST
137 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
138 40CFR 63.119(b), Subpart G: Compliance Certification
139 40CFR 63.123(a), Subpart G: Compliance Certification
140 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=C-27018,Proc=MTC
141 40CFR 60.662(a), NSPS Subpart NNN: Compliance Certification
142 40CFR 60.663(a), NSPS Subpart NNN: Compliance Certification
143 40CFR 60.665, NSPS Subpart NNN: Boiler/Process Heater(<44MW) Recordkeeping and Reporting Requirements (SOCMI Distillation NSPS)

EU=C-27018,Proc=MWW,ES=MNTWW
144 40CFR 63.105, Subpart F: Compliance Certification

EU=C-27018,Proc=PWW
145 40CFR 63.146(b)(2), Subpart G: Process wastewater reporting provisions - reporting for Group 2 streams

EU=C-27018,Proc=PWW,ES=PROWW
146 40CFR 63.132(a)(3), Subpart G: Compliance Certification

EU=C-27018,Proc=SST
148 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
149 40CFR 63.123(a), Subpart G: Compliance Certification
150 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=C-27018,Proc=TVS
151 6NYCRR 229.3(e)(2)(v): Compliance Certification

EU=C-27018,EP=27018,Proc=SST,ES=CM801
152 40CFR 63.119(e), Subpart G: Compliance Certification
153 40CFR 63.148(b)(1), Subpart G: Compliance Certification
154 40CFR 63.148(d), Subpart G: Compliance Certification
155 40CFR 63.148(e), Subpart G: Leak inspection provisions

156 40CFR 63.148(i), Subpart G: Compliance Certification
157 40CFR 63.148(j), Subpart G: Leak inspection provisions - reporting

EU=C-27018,EP=34001,Proc=MRC
158 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=C-27018,EP=34002,Proc=MRC
159 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=C-27018,EP=62005

162 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=C-27018,EP=62007

166 6NYCRR 212.10(c)(4)(i): Compliance Certification
167 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=C-27018,EP=62007,Proc=MCS
168 40CFR 63.113(b), Subpart G: Compliance Certification
169 40CFR 63.114(a)(3), Subpart G: Compliance Certification
170 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
171 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
172 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification

EU=C-27018,EP=62011

173 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=C-27018,EP=97001,Proc=MCS
177 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
178 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
179 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification

EU=C-27018,EP=97002,Proc=MCS
180 40CFR 63.114(a)(1)(i), Subpart G: Compliance Certification
181 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
182 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
183 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification

EU=C-27018,EP=97003,Proc=MCS
185 40CFR 63.114(a)(1)(i), Subpart G: Compliance Certification
186 40CFR 63.114(a)(4)(i), Subpart G: Compliance Certification
187 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification
188 40CFR 63.114(a)(4)(ii), Subpart G: Compliance Certification

EU=C-62008,EP=55005

190 6NYCRR 227-1.3(a): Compliance Certification

EU=C-62008,EP=57004

191 6NYCRR 227-1.3(a): Compliance Certification

EU=C-62008,EP=65001

192 6NYCRR 227-1.3(a): Compliance Certification

EU=C-62014,Proc=FSS
193 6NYCRR 212.4(c): Compliance Certification
194 6NYCRR 212.4(c): Compliance Certification

EU=F-INISH,Proc=BE1
197 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,Proc=BE2
198 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,Proc=DG2
199 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=24105,Proc=SP2
200 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=24136

1-23 40CFR 60.116b(b), NSPS Subpart Kb: Records of the dimension and capacity of storage vessels

EU=F-INISH,EP=24806

201 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=31036

202 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=31037

203 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=32006,Proc=DG1,ES=DM601
204 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32007,Proc=DG1,ES=DM701
1-24 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32008,Proc=DG1,ES=DM801
206 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32009,Proc=DG1,ES=DM901
207 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32016,Proc=DG1,ES=DN601
208 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32017,Proc=DG1,ES=DN701
209 6NYCRR 212.10(a)(2): Compliance Certification

EU=F-INISH,EP=32028,Proc=TFS
210 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=32040

211 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=32042

212 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=32044

213 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=32049

214 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=32050

215 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=37016,Proc=5PR
1-25 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=37059,Proc=5PR
216 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=76001

218 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=76006

1-26 6NYCRR 212.10(c)(4)(i): Compliance Certification
219 6NYCRR 212.10(c)(4)(i): Compliance Certification
220 6NYCRR 212.10(c)(4)(i): Compliance Certification
221 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=F-INISH,EP=76710,Proc=HAS
223 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=76711,Proc=HAS
224 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=F-INISH,EP=85008,Proc=RCC
225 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=T-13004,Proc=ABA
226 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=T-13004,Proc=LIM
227 6NYCRR 212.10(c)(4)(i): Compliance Certification

EU=U-28002
230 6NYCRR 231-2.6: Compliance Certification
231 6NYCRR 231-2.6: Compliance Certification

EU=U-28002,Proc=18G
237 6NYCRR 204-1.6: Permits requirements.
238 6NYCRR 204-2.1: Submissions to the Department.
239 6NYCRR 204-4.1: Content of reports and compliance certifications.
240 6NYCRR 204-4.1: Compliance Certification
241 6NYCRR 204-5.3: Compliance Certification
242 6NYCRR 204-7.1: Submission of NOx allowance transfers.
243 6NYCRR 204-8.1: General provisions.
244 6NYCRR 204-8.1: Prohibitions.
245 6NYCRR 204-8.1: Requirements for installation, certification, and data accounting.
246 6NYCRR 204-8.2: Compliance Certification
247 6NYCRR 204-8.3: Out of control periods.
249 6NYCRR 204-8.6: Compliance Certification
250 6NYCRR 204-8.7: Compliance Certification
256 40CFR 60.7(a), NSPS Subpart A: Compliance Certification
257 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
258 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
259 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
260 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.

261 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
262 40CFR 60.12, NSPS Subpart A: Circumvention.
263 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
264 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
265 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
266 40CFR 60.13(h), NSPS Subpart A: Compliance Certification
1-27 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
267 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
268 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification
269 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
270 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification

EU=U-28002,Proc=18O
271 6NYCRR 225-1.7(c): Compliance Certification
1-28 6NYCRR 227-1.2(a)(1): Compliance Certification
274 40CFR 60.7(a), NSPS Subpart A: Compliance Certification
275 40CFR 60.7(b), NSPS Subpart A: Compliance Certification
276 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
277 40CFR 60.7(d), NSPS Subpart A: Compliance Certification
278 40CFR 60.7(f), NSPS Subpart A: Compliance Certification
279 40CFR 60.11, NSPS Subpart A: Compliance Certification
280 40CFR 60.11(d), NSPS Subpart A: Compliance Certification
281 40CFR 60.12, NSPS Subpart A: Compliance Certification
282 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
283 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
284 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
285 40CFR 60.13(h), NSPS Subpart A: Compliance Certification
286 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
287 40CFR 60.43b(g), NSPS Subpart Db: Compliance Certification
288 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
289 40CFR 60.44b(h), NSPS Subpart Db: Compliance Certification
290 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification
291 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification
292 40CFR 60.48b(f), NSPS Subpart Db: Compliance Certification
293 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification
294 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
295 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

EU=U-28002,Proc=C6O
1-29 6NYCRR 227-2.4(b)(1): Compliance Certification
1-30 6NYCRR 227-2.4(b)(1): Compliance Certification
1-31 6NYCRR 227.2(b)(1): Compliance Certification

EU=U-28002,Proc=CNG

298 6NYCRR 227-1.3(a): Compliance Certification

EU=U-28002,EP=28006

300 6NYCRR 227-2.6: Compliance Certification

EU=U-28003,Proc=A6O
1-32 6NYCRR 227-2.4(c)(2): Compliance Certification
301 6NYCRR 227-2.4(c)(2): Compliance Certification
1-33 6NYCRR 227.2(b)(1): Compliance Certification

EU=U-28003,Proc=ANG
303 6NYCRR 227-1.3(a): Compliance Certification

EU=U-28003,Proc=B6O
1-34 6NYCRR 227-2.4(b)(1): Compliance Certification
304 6NYCRR 227-2.4(b)(1): Compliance Certification
1-35 6NYCRR 227.2(b)(1): Compliance Certification

EU=U-28003,Proc=BNG
306 6NYCRR 227-1.3(a): Compliance Certification

EU=U-28003,Proc=UNG
307 6NYCRR 227-1.3(a): Compliance Certification

EU=U-28003,Proc=VNG
308 6NYCRR 227-1.3(a): Compliance Certification

EU=U-28003,EP=28003

311 6NYCRR 231-2.6: Compliance Certification
312 6NYCRR 231-2.6: Compliance Certification

EU=U-28003,EP=28004

313 6NYCRR 227-2.4(d): Compliance Certification

EU=U-28003,EP=28005

314 6NYCRR 227-2.4(d): Compliance Certification

EU=W-97004,EP=97004

315 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97005,Proc=UST
316 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97011

317 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97012

318 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97017,Proc=NEU
319 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97020,Proc=SOT
320 6NYCRR 212.10(c)(4)(iii): Compliance Certification

EU=W-97004,EP=97021,Proc=SOT
321 6NYCRR 212.10(c)(4)(iii): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
1-36 ECL 19-0301: Contaminant List
1-37 6NYCRR 201-1.4: Unavoidable noncompliance and violations
*3-4 6NYCRR 201-7: Capping Monitoring Condition
*3-5 6NYCRR 201-7: Capping Monitoring Condition
*3-6 6NYCRR 201-7: Capping Monitoring Condition
*3-7 6NYCRR 201-7: Capping Monitoring Condition
*3-8 6NYCRR 201-7: Capping Monitoring Condition
*3-9 6NYCRR 201-7: Capping Monitoring Condition
*3-10 6NYCRR 201-7: Capping Monitoring Condition
*3-11 6NYCRR 201-7: Capping Monitoring Condition
*3-12 6NYCRR 201-7: Capping Monitoring Condition
*3-13 6NYCRR 201-7: Capping Monitoring Condition
*3-14 6NYCRR 201-7: Capping Monitoring Condition
*3-15 6NYCRR 201-7: Capping Monitoring Condition
*3-16 6NYCRR 201-7: Capping Monitoring Condition
*3-17 6NYCRR 201-7: Capping Monitoring Condition
*3-18 6NYCRR 201-7: Capping Monitoring Condition
*3-19 6NYCRR 201-7: Capping Monitoring Condition
*3-20 6NYCRR 201-7: Capping Monitoring Condition
*3-21 6NYCRR 201-7: Capping Monitoring Condition
325 6NYCRR 211.2: Air pollution prohibited
1-38 6NYCRR 212.9(b): Compliance Demonstration
1-39 6NYCRR 212.9(b): Compliance Demonstration
326 6NYCRR 212.9(b): Compliance Demonstration
328 6NYCRR 212.9(b): Compliance Demonstration
329 6NYCRR 212.9(b): Compliance Demonstration
330 6NYCRR 212.9(b): Compliance Demonstration

331 6NYCRR 212.9(b): Compliance Demonstration
332 6NYCRR 212.9(b): Compliance Demonstration
333 6NYCRR 212.9(b): Compliance Demonstration
334 6NYCRR 212.9(b): Compliance Demonstration
336 6NYCRR 212.9(b): Compliance Demonstration
337 6NYCRR 212.9(b): Compliance Demonstration
338 6NYCRR 212.9(b): Compliance Demonstration
339 6NYCRR 212.9(b): Compliance Demonstration
340 6NYCRR 212.9(b): Compliance Demonstration
341 6NYCRR 212.9(b): Compliance Demonstration

Emission Unit Level

3-22 6NYCRR 201-7: Process Permissible Emissions

EU=C-27018,Proc=CMP

343 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27018,Proc=SST

344 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27018,Proc=WES

345 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27018,EP=35006,Proc=LDH,ES=EB602

1-40 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27018,EP=62007

348 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27018,EP=62011

349 6NYCRR 212.9(b): Compliance Demonstration
350 6NYCRR 212.9(b): Compliance Demonstration

EU=C-27035,EP=27035

351 6NYCRR 212.9(b): Compliance Demonstration

EU=C-62014,Proc=FSS

352 6NYCRR 212.9(b): Compliance Demonstration
353 6NYCRR 212.9(b): Compliance Demonstration
354 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,Proc=DG2

355 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,Proc=TFR

356 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=24944,Proc=ESH
357 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=24945,Proc=ESH
358 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=31019,Proc=BM2
359 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=31041,Proc=DM5
360 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=32028,Proc=TFS
361 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=37016,Proc=5PR
362 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=71010,Proc=TTU
363 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=76710,Proc=HAS
364 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=76711,Proc=HAS
365 6NYCRR 212.9(b): Compliance Demonstration

EU=F-INISH,EP=85008,Proc=RCC
366 6NYCRR 212.9(b): Compliance Demonstration

EU=T-14009,Proc=MVT
367 6NYCRR 212.9(b): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.Mod 1 Permit Effective Date: 09/01/2002 Permit Expiration Date: 11/26/2006

Mod 2 Permit Effective Date: 05/10/2004 Permit Expiration Date: 11/26/2006

Mod 3 Permit Effective Date: 03/01/2005 Permit Expiration Date: 11/26/2006

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

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

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

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

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

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

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

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

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

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

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

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) The facility owner and/or operator notified the

Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

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

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

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

Item H: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject

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

Item J: **Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**
The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item K: **Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item L: **Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item M: **Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit

renewal application.

Item N: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item O: **Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**
The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Item P: **Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item Q: **Property Rights - 6 NYCRR Part 201-6.5(a)(6)**

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

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

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

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

Upon presentation of credentials and other documents, as

may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

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

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

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Item T: Severability - 6 NYCRR Part 201-6.5(a)(9)

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

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

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

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

ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive

or corrective measures adopted.

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

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

Item W: Permit Shield - 6 NYCRR Part 201-6.5(g)

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

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

contributing to such pollution;

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

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

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

Item X: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

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

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

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

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

Proceedings to reopen and issue Title V facility permits

shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

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

Item Y: **Required Emission Tests - 6 NYCRR Part 202-1.1**

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

Item Z: **Visible Emissions Limited - 6 NYCRR Part 211.3**
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item AA: **Open Fires - 6 NYCRR Part 215**
No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item BB: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to

the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

Condition 24: **Emission Unit Definition**
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:

Emission Unit: C-27018

Emission Unit Description:

Chemical operations - Methyl Chloride operation area (Methanol recovery columns and storage tanks, sulfuric scrubber and storage tanks, ldh/siloxanes oil production, methyl chloride, area 38 tank farm, and methyl chloride condensers and storage tanks). The MCS vent incinerator, MCS vent scrubber, fixed box incinerator no. 2, and the rotary kiln incinerator are also included in this unit.

Building(s): 21
27
34
35

38
57
62
70
96A

Item 24.2(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-61007
Emission Unit Description:
Silicon grinding area and fines passivation area. In the silicon grinding area, silicon metal is ground, screened, and transferred to silos. In the fines passivation area, mixers are used to mix fines to neutralize and harden the material.

Building(s): 61

Item 24.3(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-62008
Emission Unit Description:
Chemops - MCSII, MCSIII and MCSIV operations. All equipment associated with the MCSII, MCSIII and MCSIV production operations, with the exception of the MCS vent scrubbers and MCS vent incinerator.

Building(s): 55
57
62
64
65

Item 24.4(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: F-INISH
Emission Unit Description:
Finishing - intermediate and final production of silicone products and materials including resins, fluids, dispersions, emulsions, heat curing elastomers, room temperature vulcanizing (rtv) elastomers, sealants, and treated fumed silica. Also includes various maintenance shops and individual maintenance sources (such as degreasers).

Building(s): 21
23

24
24A
27
28
29
30
30E
36
37
38
41
42
42A
48
61
71
76
78
85
97

Item 24.5(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28002
Emission Unit Description:
Emission Unit U28002 consists of Boilers 13 and 18 and a #2 Fuel Oil storage tank.

Building(s): 28

Item 24.6(From Mod 3):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-28003
Emission Unit Description:
Emission Unit U28003 consists of boilers 14, 15, 16, and 17.

Building(s): 28

Item 24.7(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-23002
Emission Unit Description:
This emission consists of emissions to the scrubber from tanks in area 23. The building 23 tank farm system is to provide storage for the products made in the MCS area.

Building(s): 23

Item 24.8(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-27035
Emission Unit Description:
Emission unit C-27035 is comprised of several aboveground storage tanks which are used to store acids. All of the tanks are located in the HCL Tank Farm All but one of the tanks vent to a packed tower water scrubber (EP27035). One tank vents to an eductor (EP27039) which is piped to the chemical process sewer. The eductor associated with EP27039 is not required by any applicable requirement. The emission unit also contains three locations within the tank farm which allow for scrapping of acid to the chemical process sewer.

Building(s): 27

Item 24.9(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-62014
Emission Unit Description:
This unit consists of sources in the trichlorosilanes (TCS) and fumed silica production areas. Currently, the TCS area consists of exempt sources. The fumed silica area consists of a scrubber and various solids handling equipment.

Building(s): 62
68

Item 24.10(From Mod 1):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-13004
Emission Unit Description:
Vapors and particulates are vented to the atmosphere outside of building 13 at different emissions points. These include process, filter, and local extraction discharges.

Building(s): 13

Item 24.11(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: T-14009
Emission Unit Description:

This unit consists of equipment in the facility's Pilot Plant. Batch and semicontinuous processes occur here. The Pilot Plant makes developmental/experimental products for evaluation, and scaled-down batches of problem production grades to develop process adjustments. Scaled down batched of commercial products are also made here.

Building(s): 14
15
16

Item 24.12(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: W-97004
Emission Unit Description:
This Emission Unit is the wastewater treatment process system of the waste handling area. The wastewater treatment plant is a physical/chemical treatment system consisting of pH neutralization, oil and grease separation, clarification, and air stripping operations.

Building(s): 95
96A
97
AREA 96

Condition 1-1: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/01/2002 and 11/26/2006

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

Item 1-1.1:
The following information must be included in any required compliance monitoring records and reports:

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

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

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

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

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 1-2: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective between the dates of 09/01/2002 and 11/26/2006

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

Item 1-2.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 25: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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:
Irregardless of any other required reporting dates indicated in this permit; required reports for the year 2002 shall be due January 30 and quarterly thereafter for quarterly reports, April 30 and July 30 for semi-annual reports, and July 30 for the annual reports. All subsequent reporting for 2003 and later shall be as indicated in this permit.

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

Condition 1-3: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Item 1-3.1:
The Compliance Certification activity will be performed for the Facility.

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

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

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

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

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

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

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

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

If any of the above conditions are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) through (4) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) though (4) above. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

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

In the case of any emission testing performed during the previous six month reporting period, either due to a

request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

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

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

Condition 1-4: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Item 1-4.1:
The Compliance Certification activity will be performed for the Facility.

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

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period

consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

Region 5 Suboffice
232 Hudson Street

P.O. Box 220
Warrensburg, NY 12885-0220

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due on the same day each year

Condition 1-5: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 28

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

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

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

The Commissioner has approved of GES' Operational Flexibility Plan dated October 9, 2001 (the "Op-Flex Plan"), which is incorporated into this permit by reference. The objective of the Op-Flex Plan is to maximize operational flexibility by building capability into the GE Silicones' facility Title V Permit for the facility to make specified changes following a pre-established protocol in accordance with 6 NYCRR 201-6.5(f). No permit modifications will be required, under any approved emissions trading, economic incentives, marketable permits, or other similar programs or processes for changes that are provided for in this permit (including the Op-Flex Plan). Compliance with the Op-Flex Plan shall serve as compliance with 6 NYCRR Part 212.10 RACT

compliance obligations. Changes made pursuant to the Op-Flex Plan shall not trigger the need for a permit modification.

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

Condition 33: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 33.1:
The Compliance Certification activity will be performed for the Facility.

Item 33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

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

Condition 34: Recordkeeping requirements
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 34.1:
(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 1-6: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212

Replaces Condition(s) 36

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

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

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

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility will comply with the following provisions of the 6 NYCRR Part 373 permit which influence air emissions from the Fixed Box #2 Incinerator (EP97001 and 97002) and the Rotary Kiln Incinerator (EP 97003):

EP 97001, 97002 (Fixed Box)
EP 97003
(RKI)
Permit Module X

Permit Module IX
Conditions:

Conditions:

B(1) - VOC

B(1) - VOC
B(2) - PM

B(2) - PM
B(4) - VOC

B(4) - VOC

C(1) - VOC

C(1) - VOC
C(2) - VOC

C(2) - VOC
C(5) - PM

C(5) - VOC

D(1) - VOC

D(2) - VOC
D(2) - PM

D(3) - PM
D(3) - VOC

D(4) - VOC
D(7) - PM

D(8) - PM
D(9) - VOC

D(10) - VOC

VOC emissions control is assured by maintaining minimum operating temperatures, and particulate emission control is assured through minimum Kilovolt requirements to the Ionizing Wet scrubbers, as specified in the 373 permit.

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

Condition 1-7: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Replaces Condition(s) 37

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

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

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

Condition 1-8: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Replaces Condition(s) 38

Item 1-8.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-23002
Process: KB2

Emission Unit: C-23002
Process: KBS

Emission Unit: C-23002
Process: PTK

Emission Unit: C-23002
Process: SGB

Emission Unit: C-23002
Process: SGW

Emission Unit: C-23002
Process: TUO

Emission Unit: C-27018

Process: CMP

Emission Unit: C-27018
Process: CSD

Emission Unit: C-27018
Process: INC

Emission Unit: C-27018
Process: LBD

Emission Unit: C-27018
Process: LDH

Emission Unit: C-27018
Process: MCR

Emission Unit: C-27018
Process: MCS

Emission Unit: C-27018
Process: MIV

Emission Unit: C-27018
Process: MTC

Emission Unit: C-27018
Process: SST

Emission Unit: C-27018
Process: TBA

Emission Unit: C-27018
Process: TCS

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TNK

Emission Unit: C-27018
Process: TNV

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

Emission Unit: C-27018
Process: TVS

Emission Unit: C-27018
Process: WTS

Emission Unit: C-27035
Process: A2B

Emission Unit: C-27035
Process: A2W

Emission Unit: C-27035
Process: ATB

Emission Unit: C-27035
Process: ATW

Emission Unit: C-62014
Process: FSS

Emission Unit: F-INISH
Process: 3MH

Emission Unit: F-INISH
Process: 5PR

Emission Unit: F-INISH
Process: BE1

Emission Unit: F-INISH
Process: BE2

Emission Unit: F-INISH
Process: BM2

Emission Unit: F-INISH
Process: BND

Emission Unit: F-INISH
Process: BQD

Emission Unit: F-INISH
Process: CBL

Emission Unit: F-INISH
Process: CHR

Emission Unit: F-INISH
Process: CRX

Emission Unit: F-INISH
Process: CTW

Emission Unit: F-INISH
Process: CWL

Emission Unit: F-INISH
Process: DG2

Emission Unit: F-INISH
Process: DM5

Emission Unit: F-INISH
Process: ESH

Emission Unit: F-INISH
Process: EWB

Emission Unit: F-INISH
Process: EWL

Emission Unit: F-INISH
Process: EWW

Emission Unit: F-INISH
Process: HAA

Emission Unit: F-INISH
Process: HAS

Emission Unit: F-INISH
Process: RCC

Emission Unit: F-INISH
Process: TFR

Emission Unit: F-INISH

Process: TFS

Emission Unit: F-INISH
Process: TTU

Emission Unit: F-INISH
Process: TTW

Emission Unit: F-INISH
Process: TWL

Emission Unit: F-INISH
Process: WEB

Emission Unit: F-INISH
Process: WEW

Emission Unit: T-14009
Process: MVT

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

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

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

Condition 3-1: Compliance Certification
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 3-1.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-INISH
Process: FDH

Emission Unit: F-INISH
Process: FFB

Item 3-1.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 1-9: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(b)

Replaces Condition(s) 39

Item 1-9.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: AYA

Emission Unit: C-27018
Process: CNA

Emission Unit: C-27018

Process: CNB

Emission Unit: C-27018
Process: COA

Emission Unit: C-27018
Process: COB

Emission Unit: C-27018
Process: EBA

Emission Unit: C-27018
Process: EBC

Emission Unit: C-27018
Process: ECA

Emission Unit: C-27018
Process: ECB

Emission Unit: C-27018
Process: ECC

Emission Unit: C-27018
Process: EQL

Emission Unit: C-27018
Process: FGB

Emission Unit: C-27018
Process: FGC

Emission Unit: C-27018
Process: FHA

Emission Unit: C-27018
Process: FSB

Emission Unit: C-27018
Process: FSW

Emission Unit: C-27018
Process: GRA

Emission Unit: C-27018
Process: GRB

Emission Unit: C-27018
Process: GRC

Emission Unit: C-27018
Process: GRD

Emission Unit: C-27018
Process: HWW

Emission Unit: C-27018
Process: MRC

Emission Unit: C-27018
Process: MST

Emission Unit: C-27018
Process: MWW

Emission Unit: C-27018
Process: PWW

Emission Unit: C-27018
Process: SFH

Emission Unit: C-27018
Process: WES

Emission Unit: C-27035
Process: WAS

Emission Unit: C-61007
Process: FZA

Emission Unit: C-61007
Process: FZB

Emission Unit: C-61007
Process: FZC

Emission Unit: C-61007
Process: GCA

Emission Unit: C-61007
Process: GCB

Emission Unit: C-61007
Process: GCC

Emission Unit: C-61007
Process: GNA

Emission Unit: C-61007
Process: SGO

Emission Unit: C-62008
Process: FWA

Emission Unit: C-62008
Process: FWB

Emission Unit: C-62008
Process: GIA

Emission Unit: C-62008
Process: GIB

Emission Unit: C-62008
Process: GJA

Emission Unit: C-62008
Process: GJB

Emission Unit: C-62008
Process: GJC

Emission Unit: C-62008
Process: GJD

Emission Unit: C-62008
Process: MCB

Emission Unit: C-62008
Process: MCW

Emission Unit: C-62008
Process: OFG

Emission Unit: C-62008
Process: OFO

Emission Unit: C-62008
Process: VSC

Emission Unit: C-62008

Process: VSF

Emission Unit: C-62014
Process: FSP

Emission Unit: C-62014
Process: GPA

Emission Unit: F-INISH
Process: 1FS

Emission Unit: F-INISH
Process: 1ME

Emission Unit: F-INISH
Process: 1MH

Emission Unit: F-INISH
Process: 1MR

Emission Unit: F-INISH
Process: 1MV

Emission Unit: F-INISH
Process: 2MD

Emission Unit: F-INISH
Process: 2MH

Emission Unit: F-INISH
Process: 30D

Emission Unit: F-INISH
Process: 4MD

Emission Unit: F-INISH
Process: 4MT

Emission Unit: F-INISH
Process: ASD

Emission Unit: F-INISH
Process: AST

Emission Unit: F-INISH
Process: BDC

Emission Unit: F-INISH
Process: BEA

Emission Unit: F-INISH
Process: BEB

Emission Unit: F-INISH
Process: BFV

Emission Unit: F-INISH
Process: BHA

Emission Unit: F-INISH
Process: BJA

Emission Unit: F-INISH
Process: BJJ

Emission Unit: F-INISH
Process: BKA

Emission Unit: F-INISH
Process: BM1

Emission Unit: F-INISH
Process: BM3

Emission Unit: F-INISH
Process: BM4

Emission Unit: F-INISH
Process: BMA

Emission Unit: F-INISH
Process: BMD

Emission Unit: F-INISH
Process: BMK

Emission Unit: F-INISH
Process: BMP

Emission Unit: F-INISH
Process: BMT

Emission Unit: F-INISH
Process: BNA

Emission Unit: F-INISH
Process: BNB

Emission Unit: F-INISH
Process: BNC

Emission Unit: F-INISH
Process: BNF

Emission Unit: F-INISH
Process: BOA

Emission Unit: F-INISH
Process: BOB

Emission Unit: F-INISH
Process: BQA

Emission Unit: F-INISH
Process: BQB

Emission Unit: F-INISH
Process: BQC

Emission Unit: F-INISH
Process: BRA

Emission Unit: F-INISH
Process: BRB

Emission Unit: F-INISH
Process: BQF

Emission Unit: F-INISH
Process: BTA

Emission Unit: F-INISH
Process: BTB

Emission Unit: F-INISH
Process: BTC

Emission Unit: F-INISH
Process: BTD

Emission Unit: F-INISH

Process: BTE

Emission Unit: F-INISH
Process: BUA

Emission Unit: F-INISH
Process: BUB

Emission Unit: F-INISH
Process: BUC

Emission Unit: F-INISH
Process: BUD

Emission Unit: F-INISH
Process: BUE

Emission Unit: F-INISH
Process: BUF

Emission Unit: F-INISH
Process: BUG

Emission Unit: F-INISH
Process: BUH

Emission Unit: F-INISH
Process: BUI

Emission Unit: F-INISH
Process: BUJ

Emission Unit: F-INISH
Process: BUK

Emission Unit: F-INISH
Process: BUL

Emission Unit: F-INISH
Process: BUM

Emission Unit: F-INISH
Process: BUN

Emission Unit: F-INISH
Process: BUO

Emission Unit: F-INISH
Process: BVA

Emission Unit: F-INISH
Process: BVS

Emission Unit: F-INISH
Process: BYA

Emission Unit: F-INISH
Process: BYB

Emission Unit: F-INISH
Process: BYC

Emission Unit: F-INISH
Process: BYD

Emission Unit: F-INISH
Process: BYE

Emission Unit: F-INISH
Process: BYF

Emission Unit: F-INISH
Process: BYG

Emission Unit: F-INISH
Process: CAA

Emission Unit: F-INISH
Process: CCA

Emission Unit: F-INISH
Process: CCB

Emission Unit: F-INISH
Process: CCC

Emission Unit: F-INISH
Process: CCD

Emission Unit: F-INISH
Process: CDA

Emission Unit: F-INISH
Process: CDB

Emission Unit: F-INISH
Process: CEA

Emission Unit: F-INISH
Process: CEB

Emission Unit: F-INISH
Process: CEC

Emission Unit: F-INISH
Process: CED

Emission Unit: F-INISH
Process: CEE

Emission Unit: F-INISH
Process: CFA

Emission Unit: F-INISH
Process: CFB

Emission Unit: F-INISH
Process: CFC

Emission Unit: F-INISH
Process: CFD

Emission Unit: F-INISH
Process: CFE

Emission Unit: F-INISH
Process: CFF

Emission Unit: F-INISH
Process: CFG

Emission Unit: F-INISH
Process: CFH

Emission Unit: F-INISH
Process: CGG

Emission Unit: F-INISH
Process: DAA

Emission Unit: F-INISH

Process: DAB

Emission Unit: F-INISH
Process: DAC

Emission Unit: F-INISH
Process: DAD

Emission Unit: F-INISH
Process: DAE

Emission Unit: F-INISH
Process: DBB

Emission Unit: F-INISH
Process: DBC

Emission Unit: F-INISH
Process: DCA

Emission Unit: F-INISH
Process: DCB

Emission Unit: F-INISH
Process: DCC

Emission Unit: F-INISH
Process: DCD

Emission Unit: F-INISH
Process: DCE

Emission Unit: F-INISH
Process: DCF

Emission Unit: F-INISH
Process: DEA

Emission Unit: F-INISH
Process: DEB

Emission Unit: F-INISH
Process: DEC

Emission Unit: F-INISH
Process: DED

Emission Unit: F-INISH
Process: DG1

Emission Unit: F-INISH
Process: DKA

Emission Unit: F-INISH
Process: DKB

Emission Unit: F-INISH
Process: DKC

Emission Unit: F-INISH
Process: DKD

Emission Unit: F-INISH
Process: DKE

Emission Unit: F-INISH
Process: DKF

Emission Unit: F-INISH
Process: DKG

Emission Unit: F-INISH
Process: DKH

Emission Unit: F-INISH
Process: DKI

Emission Unit: F-INISH
Process: DLA

Emission Unit: F-INISH
Process: DM1

Emission Unit: F-INISH
Process: DM2

Emission Unit: F-INISH
Process: DM3

Emission Unit: F-INISH
Process: DM4

Emission Unit: F-INISH
Process: DM6

Emission Unit: F-INISH
Process: DM7

Emission Unit: F-INISH
Process: DPA

Emission Unit: F-INISH
Process: DPB

Emission Unit: F-INISH
Process: DPC

Emission Unit: F-INISH
Process: DQA

Emission Unit: F-INISH
Process: DQB

Emission Unit: F-INISH
Process: DQC

Emission Unit: F-INISH
Process: DQD

Emission Unit: F-INISH
Process: DQE

Emission Unit: F-INISH
Process: DQG

Emission Unit: F-INISH
Process: DQH

Emission Unit: F-INISH
Process: DRM

Emission Unit: F-INISH
Process: DVS

Emission Unit: F-INISH
Process: DWA

Emission Unit: F-INISH
Process: DWB

Emission Unit: F-INISH

Process: EHA

Emission Unit: F-INISH
Process: EL2

Emission Unit: F-INISH
Process: ELA

Emission Unit: F-INISH
Process: EMA

Emission Unit: F-INISH
Process: EMB

Emission Unit: F-INISH
Process: EMC

Emission Unit: F-INISH
Process: EMD

Emission Unit: F-INISH
Process: EME

Emission Unit: F-INISH
Process: ENA

Emission Unit: F-INISH
Process: ENB

Emission Unit: F-INISH
Process: ENC

Emission Unit: F-INISH
Process: EOA

Emission Unit: F-INISH
Process: EPA

Emission Unit: F-INISH
Process: EPB

Emission Unit: F-INISH
Process: EPC

Emission Unit: F-INISH
Process: EPD

Emission Unit: F-INISH
Process: EQA

Emission Unit: F-INISH
Process: EQB

Emission Unit: F-INISH
Process: EQD

Emission Unit: F-INISH
Process: EQQ

Emission Unit: F-INISH
Process: ERA

Emission Unit: F-INISH
Process: ERC

Emission Unit: F-INISH
Process: ERD

Emission Unit: F-INISH
Process: ERE

Emission Unit: F-INISH
Process: ERF

Emission Unit: F-INISH
Process: ERG

Emission Unit: F-INISH
Process: ERH

Emission Unit: F-INISH
Process: ESD

Emission Unit: F-INISH
Process: EVA

Emission Unit: F-INISH
Process: EVB

Emission Unit: F-INISH
Process: EVC

Emission Unit: F-INISH
Process: EVD

Emission Unit: F-INISH
Process: EVE

Emission Unit: F-INISH
Process: EVF

Emission Unit: F-INISH
Process: EVG

Emission Unit: F-INISH
Process: EVH

Emission Unit: F-INISH
Process: EVI

Emission Unit: F-INISH
Process: EVJ

Emission Unit: F-INISH
Process: EVK

Emission Unit: F-INISH
Process: EVS

Emission Unit: F-INISH
Process: EXA

Emission Unit: F-INISH
Process: EXB

Emission Unit: F-INISH
Process: EYA

Emission Unit: F-INISH
Process: EYB

Emission Unit: F-INISH
Process: EYC

Emission Unit: F-INISH
Process: EYD

Emission Unit: F-INISH
Process: EYE

Emission Unit: F-INISH

Process: FAH

Emission Unit: F-INISH
Process: FBA

Emission Unit: F-INISH
Process: FBC

Emission Unit: F-INISH
Process: FBD

Emission Unit: F-INISH
Process: FBE

Emission Unit: F-INISH
Process: FBF

Emission Unit: F-INISH
Process: FBG

Emission Unit: F-INISH
Process: FBH

Emission Unit: F-INISH
Process: FBI

Emission Unit: F-INISH
Process: FCA

Emission Unit: F-INISH
Process: FCB

Emission Unit: F-INISH
Process: FCC

Emission Unit: F-INISH
Process: FCD

Emission Unit: F-INISH
Process: FCE

Emission Unit: F-INISH
Process: FCF

Emission Unit: F-INISH
Process: FCG

Emission Unit: F-INISH
Process: FCH

Emission Unit: F-INISH
Process: FCI

Emission Unit: F-INISH
Process: FDA

Emission Unit: F-INISH
Process: FDB

Emission Unit: F-INISH
Process: FDC

Emission Unit: F-INISH
Process: FDE

Emission Unit: F-INISH
Process: FDF

Emission Unit: F-INISH
Process: FDG

Emission Unit: F-INISH
Process: FDI

Emission Unit: F-INISH
Process: FEA

Emission Unit: F-INISH
Process: FEB

Emission Unit: F-INISH
Process: FEC

Emission Unit: F-INISH
Process: FED

Emission Unit: F-INISH
Process: FEE

Emission Unit: F-INISH
Process: FEG

Emission Unit: F-INISH
Process: FEH

Emission Unit: F-INISH
Process: FEI

Emission Unit: F-INISH
Process: FEJ

Emission Unit: F-INISH
Process: FEK

Emission Unit: F-INISH
Process: FFA

Emission Unit: F-INISH
Process: FFC

Emission Unit: F-INISH
Process: FFD

Emission Unit: F-INISH
Process: FFE

Emission Unit: F-INISH
Process: FFF

Emission Unit: F-INISH
Process: FFG

Emission Unit: F-INISH
Process: FFH

Emission Unit: F-INISH
Process: FFI

Emission Unit: F-INISH
Process: FFJ

Emission Unit: F-INISH
Process: FFK

Emission Unit: F-INISH
Process: FFL

Emission Unit: F-INISH
Process: FFM

Emission Unit: F-INISH

Process: FFN

Emission Unit: F-INISH
Process: FFO

Emission Unit: F-INISH
Process: FFP

Emission Unit: F-INISH
Process: FFR

Emission Unit: F-INISH
Process: FGA

Emission Unit: F-INISH
Process: FGG

Emission Unit: F-INISH
Process: FHC

Emission Unit: F-INISH
Process: FLA

Emission Unit: F-INISH
Process: FLB

Emission Unit: F-INISH
Process: FLC

Emission Unit: F-INISH
Process: FNA

Emission Unit: F-INISH
Process: FNB

Emission Unit: F-INISH
Process: FNC

Emission Unit: F-INISH
Process: FNE

Emission Unit: F-INISH
Process: FSA

Emission Unit: F-INISH
Process: GVS

Emission Unit: F-INISH
Process: HAB

Emission Unit: F-INISH
Process: HAC

Emission Unit: F-INISH
Process: HBA

Emission Unit: F-INISH
Process: HBB

Emission Unit: F-INISH
Process: HBV

Emission Unit: F-INISH
Process: HHA

Emission Unit: F-INISH
Process: HHB

Emission Unit: F-INISH
Process: HHC

Emission Unit: F-INISH
Process: HHD

Emission Unit: F-INISH
Process: HHE

Emission Unit: F-INISH
Process: HHF

Emission Unit: F-INISH
Process: HHG

Emission Unit: F-INISH
Process: HHH

Emission Unit: F-INISH
Process: HHI

Emission Unit: F-INISH
Process: HIA

Emission Unit: F-INISH
Process: HIB

Emission Unit: F-INISH
Process: HIC

Emission Unit: F-INISH
Process: HID

Emission Unit: F-INISH
Process: HIE

Emission Unit: F-INISH
Process: HIF

Emission Unit: F-INISH
Process: HJA

Emission Unit: F-INISH
Process: HJB

Emission Unit: F-INISH
Process: HJC

Emission Unit: F-INISH
Process: HJD

Emission Unit: F-INISH
Process: HOA

Emission Unit: F-INISH
Process: HOB

Emission Unit: F-INISH
Process: HOC

Emission Unit: F-INISH
Process: HOE

Emission Unit: F-INISH
Process: HPA

Emission Unit: F-INISH
Process: HPB

Emission Unit: F-INISH
Process: HQA

Emission Unit: F-INISH

Process: HQB

Emission Unit: F-INISH
Process: HRA

Emission Unit: F-INISH
Process: HRB

Emission Unit: F-INISH
Process: HRC

Emission Unit: F-INISH
Process: HRD

Emission Unit: F-INISH
Process: HSA

Emission Unit: F-INISH
Process: HSB

Emission Unit: F-INISH
Process: HSC

Emission Unit: F-INISH
Process: HSD

Emission Unit: F-INISH
Process: HSE

Emission Unit: F-INISH
Process: HVA

Emission Unit: F-INISH
Process: HXT

Emission Unit: F-INISH
Process: LAB

Emission Unit: F-INISH
Process: LAV

Emission Unit: F-INISH
Process: LAW

Emission Unit: F-INISH
Process: LKR

Emission Unit: F-INISH
Process: MSS

Emission Unit: F-INISH
Process: ODC

Emission Unit: F-INISH
Process: PRB

Emission Unit: F-INISH
Process: PRW

Emission Unit: F-INISH
Process: PTT

Emission Unit: F-INISH
Process: RH1

Emission Unit: F-INISH
Process: SHH

Emission Unit: F-INISH
Process: TAB

Emission Unit: F-INISH
Process: TAW

Emission Unit: F-INISH
Process: TBB

Emission Unit: F-INISH
Process: TBW

Emission Unit: F-INISH
Process: W1B

Emission Unit: F-INISH
Process: WP1

Emission Unit: F-INISH
Process: WPE

Emission Unit: F-INISH
Process: WPT

Emission Unit: F-INISH
Process: WSD

Emission Unit: F-INISH
Process: WSP

Emission Unit: F-INISH
Process: WTA

Emission Unit: F-INISH
Process: WTB

Emission Unit: F-INISH
Process: DCR

Emission Unit: F-INISH
Process: DDS

Emission Unit: F-INISH
Process: DEG

Emission Unit: F-INISH
Process: DWC

Emission Unit: F-INISH
Process: EDT

Emission Unit: F-INISH
Process: ERB

Emission Unit: F-INISH
Process: FK1

Emission Unit: F-INISH
Process: FK2

Emission Unit: F-INISH
Process: FKP

Emission Unit: F-INISH
Process: PYK

Emission Unit: F-INISH
Process: RK1

Emission Unit: F-INISH
Process: RK2

Emission Unit: F-INISH

Process: SP2

Emission Unit: F-INISH
Process: SPK

Emission Unit: F-INISH
Process: TFU

Emission Unit: F-INISH
Process: TK2

Emission Unit: F-INISH
Process: TKA

Emission Unit: F-INISH
Process: TKB

Emission Unit: F-INISH
Process: TKC

Emission Unit: F-INISH
Process: TKD

Emission Unit: F-INISH
Process: TKE

Emission Unit: F-INISH
Process: TKF

Emission Unit: F-INISH
Process: TKS

Emission Unit: F-INISH
Process: TTS

Emission Unit: F-INISH
Process: WDU

Emission Unit: F-INISH
Process: APS

Emission Unit: F-INISH
Process: BBM

Emission Unit: F-INISH
Process: BRV

Emission Unit: F-INISH
Process: CFM

Emission Unit: F-INISH
Process: DFP

Emission Unit: F-INISH
Process: DSH

Emission Unit: F-INISH
Process: DUA

Emission Unit: F-INISH
Process: DWD

Emission Unit: F-INISH
Process: DWE

Emission Unit: F-INISH
Process: DWF

Emission Unit: F-INISH
Process: DWG

Emission Unit: F-INISH
Process: DWH

Emission Unit: F-INISH
Process: DWI

Emission Unit: F-INISH
Process: DWJ

Emission Unit: F-INISH
Process: END

Emission Unit: F-INISH
Process: EOB

Emission Unit: F-INISH
Process: ESV

Emission Unit: F-INISH
Process: FCS

Emission Unit: F-INISH
Process: FFQ

Emission Unit: F-INISH
Process: FPR

Emission Unit: F-INISH
Process: GP3

Emission Unit: F-INISH
Process: HTA

Emission Unit: F-INISH
Process: HTB

Emission Unit: F-INISH
Process: LAS

Emission Unit: F-INISH
Process: PAV

Emission Unit: F-INISH
Process: PKR

Emission Unit: F-INISH
Process: PRL

Emission Unit: F-INISH
Process: PRS

Emission Unit: F-INISH
Process: RHS

Emission Unit: F-INISH
Process: SKV

Emission Unit: F-INISH
Process: SSE

Emission Unit: F-INISH
Process: TFE

Emission Unit: F-INISH
Process: TK1

Emission Unit: T-13004
Process: ABA

Emission Unit: T-13004

Process: ABB

Emission Unit: T-13004
Process: ACA

Emission Unit: T-13004
Process: LIM

Emission Unit: U-28002
Process: 18G

Emission Unit: U-28002
Process: 18O

Emission Unit: U-28002
Process: C6O

Emission Unit: U-28002
Process: CNG

Emission Unit: U-28002
Process: UTB

Emission Unit: U-28002
Process: UTW

Emission Unit: U-28003
Process: A6O

Emission Unit: U-28003
Process: ANG

Emission Unit: U-28003
Process: B6O

Emission Unit: U-28003
Process: BNG

Emission Unit: U-28003
Process: UNG

Emission Unit: U-28003
Process: VNG

Emission Unit: W-97004
Process: ASS

Emission Unit: W-97004
Process: CTT

Emission Unit: W-97004
Process: HCS

Emission Unit: W-97004
Process: HCW

Emission Unit: W-97004
Process: IFA

Emission Unit: W-97004
Process: IFB

Emission Unit: W-97004
Process: IFC

Emission Unit: W-97004
Process: IFD

Emission Unit: W-97004
Process: LSS

Emission Unit: W-97004
Process: NEU

Emission Unit: W-97004
Process: NPS

Emission Unit: W-97004
Process: NPW

Emission Unit: W-97004
Process: PST

Emission Unit: W-97004
Process: SOS

Emission Unit: W-97004
Process: SOT

Emission Unit: W-97004
Process: STK

Emission Unit: W-97004
Process: STS

Emission Unit: W-97004
Process: STW

Emission Unit: W-97004
Process: UST

Emission Unit: T-14009
Process: AFA

Emission Unit: T-14009
Process: AFB

Emission Unit: T-14009
Process: AFC

Emission Unit: T-14009
Process: AJA

Emission Unit: T-14009
Process: AJB

Emission Unit: T-14009
Process: AJC

Emission Unit: T-14009
Process: AQA

Emission Unit: T-14009
Process: AQB

Emission Unit: T-14009
Process: ARA

Emission Unit: T-14009
Process: ARB

Emission Unit: T-14009
Process: ARD

Emission Unit: T-14009
Process: ARE

Emission Unit: T-14009
Process: ARF

Emission Unit: T-14009

Process: ARG

Emission Unit: T-14009
Process: ARH

Emission Unit: T-14009
Process: ARI

Emission Unit: T-14009
Process: ARJ

Emission Unit: T-14009
Process: ARK

Emission Unit: T-14009
Process: ARL

Emission Unit: T-14009
Process: ASA

Emission Unit: T-14009
Process: ASB

Emission Unit: T-14009
Process: ASC

Emission Unit: T-14009
Process: ASE

Emission Unit: T-14009
Process: ASF

Emission Unit: T-14009
Process: ASG

Emission Unit: T-14009
Process: ASH

Emission Unit: T-14009
Process: ASI

Emission Unit: T-14009
Process: ASJ

Emission Unit: T-14009
Process: ASK

Emission Unit: T-14009
Process: MVP

Emission Unit: T-14009
Process: MXA

Emission Unit: T-14009
Process: MXE

Emission Unit: T-14009
Process: SDC

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

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

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

Condition 2-1: Compliance Certification
Effective between the dates of 05/10/2004 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Replaces Condition(s) 1-10

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

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62007

Emission Unit: C-27018 Emission Point: 62011

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Emission Unit: C-61007 Emission Point: 61005

Emission Unit: C-61007 Emission Point: 61006

Emission Unit: C-61007 Emission Point: 61007

Emission Unit: C-61007 Emission Point: 61008

Emission Unit: C-61007 Emission Point: 61009

Emission Unit: C-61007 Emission Point: 61010

Emission Unit: C-61007 Emission Point: 61801

Emission Unit: C-61007 Emission Point: 61802

Emission Unit: C-61007 Emission Point: 61805

Emission Unit: C-62008 Emission Point: 55001

Emission Unit: C-62008 Emission Point: 62008

Emission Unit: C-62014 Emission Point: 68001

Emission Unit: C-62014 Emission Point: 68002

Emission Unit: C-62014 Emission Point: 68003

Emission Unit: C-62014 Emission Point: 68004

Emission Unit: F-INISH Emission Point: 24120

Emission Unit: F-INISH Emission Point: 24132

Emission Unit: F-INISH Emission Point: 31003

Emission Unit: F-INISH Emission Point: 31022

Emission Unit: F-INISH Emission Point: 31030

Emission Unit: F-INISH Emission Point: 32006

Emission Unit: F-INISH Emission Point: 32007

Emission Unit: F-INISH Emission Point: 32008

Emission Unit: F-INISH Emission Point: 32009

Emission Unit: F-INISH Emission Point: 32016

Emission Unit: F-INISH Emission Point: 32017

Emission Unit: F-INISH Emission Point: 32038

Emission Unit: F-INISH Emission Point: 33002

Emission Unit: F-INISH Emission Point: 33003

Emission Unit: F-INISH Emission Point: 33004

Emission Unit: F-INISH Emission Point: 37707

Emission Unit: F-INISH Emission Point: 37934

Emission Unit: F-INISH Emission Point: 42012

Emission Unit: F-INISH Emission Point: 76004

Emission Unit: F-INISH Emission Point: 76005

Emission Unit: F-INISH Emission Point: 78005

Emission Unit: F-INISH Emission Point: 85002

Emission Unit: T-14009 Emission Point: 14006

Emission Unit: T-14009 Emission Point: 16004

Emission Unit: W-97004 Emission Point: 95002

Emission Unit: C-61007 Emission Point: 61001

Emission Unit: C-61007 Emission Point: 61002

Emission Unit: C-61007 Emission Point: 61003

Emission Unit: C-62008 Emission Point: 57001

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

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

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

If the source equals or exceed 20% opacity per the monitoring requirement under 212.6(a) more than once per 12 month period, then a stack testing for particulates must be performed within 30 days of approval of a protocol. The protocol must be submitted within 30 days of this second occurrance of high opacity.

The Department reserves the right to require a stack test.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2004.
Subsequent reports are due every 6 calendar month(s).

Condition 1-11: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.5(d)

Replaces Condition(s) 41

Item 1-11.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62011

Emission Unit: F-INISH Emission Point: 76001

Emission Unit: F-INISH
Process: ESV

Emission Unit: F-INISH
Process: HAS

Emission Unit: F-INISH
Process: WSP

Item 1-11.2:
Compliance Certification shall include the following monitoring:

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

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-2: Compliance Certification
Effective between the dates of 05/10/2004 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.6(a)

Replaces Condition(s) 42

Item 2-2.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: SFH

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62007

Emission Unit: C-27018 Emission Point: 62011

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Emission Unit: C-61007 Emission Point: 61007

Emission Unit: C-62008 Emission Point: 55001

Emission Unit: C-62008 Emission Point: 55006

Emission Unit: C-62008 Emission Point: 55007

Emission Unit: C-62008 Emission Point: 57001

Emission Unit: C-62008 Emission Point: 62008

Emission Unit: C-62008 Emission Point: 62009

Emission Unit: C-62014 Emission Point: 68001

Emission Unit: C-62014 Emission Point: 68002

Emission Unit: C-62014 Emission Point: 68003

Emission Unit: C-62014 Emission Point: 68004

Emission Unit: F-INISH Emission Point: 24120

Emission Unit: F-INISH Emission Point: 24132

Emission Unit: F-INISH Emission Point: 31003

Emission Unit: F-INISH Emission Point: 31022

Emission Unit: F-INISH Emission Point: 31030

Emission Unit: F-INISH Emission Point: 32006

Emission Unit: F-INISH Emission Point: 32007

Emission Unit: F-INISH Emission Point: 32008

Emission Unit: F-INISH Emission Point: 32009

Emission Unit: F-INISH Emission Point: 32016

Emission Unit: F-INISH Emission Point: 32017

Emission Unit: F-INISH Emission Point: 32038

Emission Unit: F-INISH Emission Point: 33002

Emission Unit: F-INISH Emission Point: 33003

Emission Unit: F-INISH Emission Point: 33004

Emission Unit: F-INISH Emission Point: 37707

Emission Unit: F-INISH Emission Point: 37934

Emission Unit: F-INISH Emission Point: 42012

Emission Unit: F-INISH Emission Point: 76004

Emission Unit: F-INISH Emission Point: 76005

Emission Unit: F-INISH Emission Point: 78005

Emission Unit: F-INISH Emission Point: 85002

Emission Unit: T-14009 Emission Point: 14006

Emission Unit: T-14009 Emission Point: 16004

Emission Unit: W-97004 Emission Point: 95002

Emission Unit: C-61007

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

Item 2-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/ operator conducting a visible emissions observation for affected sources with particulate control - once per month, and for affected sources with no particulate control - once per year as follows:

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

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

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2004.
Subsequent reports are due every 6 calendar month(s).

Condition 1-12: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 45

Item 1-12.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62007

Emission Unit: C-27018 Emission Point: 62011

Emission Unit: F-INISH Emission Point: 76001

Emission Unit: F-INISH
Process: 3MH

Emission Unit: F-INISH
Process: 5PR

Emission Unit: F-INISH
Process: BE1

Emission Unit: F-INISH
Process: BE2

Emission Unit: F-INISH
Process: BND

Emission Unit: F-INISH
Process: BQD

Emission Unit: F-INISH
Process: HAS

Emission Unit: F-INISH
Process: TFS

Emission Unit: T-13004
Process: ABA

Emission Unit: T-13004
Process: LIM

Emission Unit: F-INISH Emission Point: 76006

Emission Unit: C-27018
Process: SST

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

Item 1-12.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 43: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

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

Emission Unit: F-INISH
Process: 1FS

Emission Unit: F-INISH
Process: TTU

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

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water flow to the scrubber is recorded (on/off) to ensure

sufficient control efficiency.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

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

Emission Unit: F-INISH
Process: BND

Emission Unit: F-INISH
Process: BQD

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

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored to ensure sufficient control efficiency.

Process BND emits through emission points 24208 and 24207.
Process BQD emits through emission points 24308 and 24307.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 55 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-13: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 46

Item 1-13.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018 Emission Point: 62005

Emission Unit: C-27018 Emission Point: 62011

Emission Unit: F-INISH
Process: 1ME

Emission Unit: F-INISH
Process: ESV

Emission Unit: F-INISH
Process: HAS

Emission Unit: F-INISH
Process: WSP

Emission Unit: C-27018 Emission Point: 34001

Emission Unit: C-27018 Emission Point: 34002

Emission Unit: W-97004 Emission Point: 97004

Emission Unit: W-97004 Emission Point: 97005

Emission Unit: W-97004 Emission Point: 97011

Emission Unit: W-97004 Emission Point: 97012

Emission Unit: W-97004 Emission Point: 97017

Emission Unit: W-97004 Emission Point: 97020

Emission Unit: W-97004 Emission Point: 97021

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

Item 1-13.2:
Compliance Certification shall include the following monitoring:

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

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 48: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 48.1:
The Compliance Certification activity will be performed for the Facility.

Item 48.2:
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 residual oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 1.5 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 49.1:
The Compliance Certification activity will be performed for the Facility.

Item 49.2:
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 the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 226.2

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

The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 21101

Emission Unit: F-INISH Emission Point: 27102

Emission Unit: F-INISH Emission Point: 28009

Emission Unit: F-INISH Emission Point: 29102

Emission Unit: F-INISH Emission Point: 30001

Emission Unit: F-INISH Emission Point: 30002

Emission Unit: F-INISH Emission Point: 61602

Emission Unit: F-INISH Emission Point: 61603

Emission Unit: F-INISH Emission Point: 85054

Emission Unit: F-INISH Emission Point: 85059

Emission Unit: F-INISH Emission Point: 97023

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

Item 50.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person shall conduct solvent metal cleaning unless:

(1) Solvent is stored in covered containers and waste solvent is transferred or disposed of in such a manner that less than 20 percent of the waste solvent, by weight, can evaporate into the atmosphere;

(2) Equipment used in solvent metal cleaning is maintained to minimize leaks and fugitive emissions;

(3) Equipment used in solvent metal cleaning displays a conspicuous summary of proper operating procedures consistent with minimizing emissions of volatile organic compounds; and

(4) Equipment covers are closed when the solvent metal cleaning unit is not in service.

(5) A record of solvent consumption shall be maintained for each year and made available to the commissioner or his representative upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 226.3(a)

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

Emission Unit: F-INISH Emission Point: 27102

Emission Unit: F-INISH Emission Point: 28009

Emission Unit: F-INISH Emission Point: 29102

Emission Unit: F-INISH Emission Point: 30001

Emission Unit: F-INISH Emission Point: 30002

Emission Unit: F-INISH Emission Point: 61602

Emission Unit: F-INISH Emission Point: 61603

Emission Unit: F-INISH Emission Point: 85054

Emission Unit: F-INISH Emission Point: 85059

Emission Unit: F-INISH Emission Point: 97023

Emission Unit: F-INISH Emission Point: 21101

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 51.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except where otherwise permitted by the commissioner, the following devices are required by a source owner conducting solvent metal cold cleaning degreasing:

(1) A cover shall be provided which can be operated easily.

(2) The drainage facility shall be internal (under cover), if practical.

(3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.7, or a water cover where the solvent is insoluble in and heavier than water, where the solvent being used has a vapor pressure greater than 33mm Hg at 38° C (100° F) or where the solvent is heated above 50° C (120°F).

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

Condition 52: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 226.4(a)

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

Emission Unit: F-INISH Emission Point: 21101

Emission Unit: F-INISH Emission Point: 27102

Emission Unit: F-INISH Emission Point: 28009

Emission Unit: F-INISH Emission Point: 29102

Emission Unit: F-INISH Emission Point: 30001

Emission Unit: F-INISH Emission Point: 30002

Emission Unit: F-INISH Emission Point: 61602

Emission Unit: F-INISH Emission Point: 61603

Emission Unit: F-INISH Emission Point: 85054

Emission Unit: F-INISH Emission Point: 85059

Emission Unit: F-INISH Emission Point: 97023

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

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except where otherwise permitted by the commissioner, the following operating practices are required by a source owner conducting solvent metal cold cleaning degreasing:

- Clean parts shall be drained at least 15 seconds or until dripping ceases.

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

Condition 53: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-1.3

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

Emission Unit: U-28002
Process: C6O

Emission Unit: U-28003
Process: A6O

Emission Unit: U-28003
Process: B6O

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

** NOTE ** Steam plumes generally form after leaving the

top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.5(a)

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

Emission Unit: U-28002

Emission Unit: U-28003

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

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Number 6 oil may not be burned in Emission Units U28002 and U28003 from May 1 thru September 15.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-14: Compliance Certification

Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(1)

Replaces Condition(s) 55

Item 1-14.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

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

Item 1-14.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For a fixed roof storage tank storing volatile organic liquids, the tank must be equipped with an internal floating roof with a liquid-mounted primary seal and gasket fittings or equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-free for other purposes.

In this case, the equivalent control requirement has been met with a combination of submerged fill plus the scrubbers on emission points 62005 and 62011 for Processes TDI and TRC. For process TRD, the hazardous waste incinerators are used (emission points 97001, 97002, and 97003.) The efficiencies alone are over 99% more effective than an internal floating roof with a liquid-mounted primary seal and gasket fittings. No additional monitoring is necessary.

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

Condition 56: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)

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

Emission Unit: C-27018
Process: TBA

Emission Unit: C-27018
Process: TR2

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

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The tank has submerged fill, but there are major safety issues with opening it for an annual inspection as would normally be required. Emissions from this tank are also controlled by an additional 99.9+% via the scrubbers to emission points 62005 and 62011. Therefore, no monitoring is necessary for this source.

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

Condition 57: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)

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

Emission Unit: F-INISH

Process: HXT

Emission Unit: F-INISH
Process: MSS

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

Item 57.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. Inspection of these affected sources would be impractical due to the fact that the materials stored are odorous and toxic compounds. The tanks would have to be emptied and degassed in order to inspect the dip leg. These sources do have vapor recovery lines in addition to the submerged fill and therefore have no emissions. The permittee shall visually inspect the vapor recovery lines 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)

Item 58.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH
Process: PRB Emission Source: HB501

Emission Unit: F-INISH
Process: PRB Emission Source: HB601

Emission Unit: F-INISH
Process: PRB Emission Source: HB701

Emission Unit: F-INISH
Process: PRW Emission Source: HB501

Emission Unit: F-INISH
Process: PRW Emission Source: HB601

Emission Unit: F-INISH
Process: PRW Emission Source: HB701

Emission Unit: F-INISH
Process: TBB Emission Source: HO105

Emission Unit: F-INISH
Process: TBW Emission Source: HO105

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

Item 58.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The permittee shall visually inspect the submerged fill line 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)

Item 59.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: TNV

Emission Unit: C-27018
Process: TVS

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

Item 59.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

In this case, the equivalent control requirement has been met with a combination of submerged fill plus the hazardous waste incinerators (EPs 97001, 97002, 97003). The incinerator efficiencies alone is over 99% more effective than the submerged fill alone. No additional monitoring is necessary.

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

Condition 60: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)

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

Emission Unit: F-INISH Emission Point: 24141

Emission Unit: F-INISH
Process: HTA

Emission Unit: F-INISH
Process: HTB

Emission Unit: F-INISH
Process: WEB

Emission Unit: F-INISH
Process: WEW

Emission Unit: F-INISH
Process: WPT

Emission Unit: F-INISH
Process: TAB Emission Source: HO102

Emission Unit: F-INISH
Process: TAW Emission Source: HO102

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

Item 60.2:
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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)

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

Emission Unit: W-97004 Emission Point: 97041

Emission Unit: W-97004 Emission Point: 97042

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

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 62: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.5(d)

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

Emission Unit: C-27018
Process: MST

Emission Unit: C-27018
Process: TBA

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TNV

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

Emission Unit: C-27018
Process: TVS

Emission Unit: W-97004 Emission Point: 97041

Emission Unit: W-97004 Emission Point: 97042

Emission Unit: F-INISH
Process: HXT

Emission Unit: F-INISH
Process: MSS

Emission Unit: F-INISH
Process: WEB

Emission Unit: F-INISH
Process: WEW

Emission Unit: F-INISH
Process: HTA

Emission Unit: F-INISH
Process: HTB

Emission Unit: F-INISH
Process: WPT

Emission Unit: F-INISH
Process: PRB Emission Source: HB501

Emission Unit: F-INISH
Process: PRB Emission Source: HB601

Emission Unit: F-INISH
Process: PRB Emission Source: HB701

Emission Unit: F-INISH

Process: PRW Emission Source: HB501

Emission Unit: F-INISH
Process: PRW Emission Source: HB601

Emission Unit: F-INISH
Process: PRW Emission Source: HB701

Emission Unit: F-INISH
Process: TAB Emission Source: HO102

Emission Unit: F-INISH
Process: TAW Emission Source: HO102

Emission Unit: F-INISH
Process: TBB Emission Source: HO105

Emission Unit: F-INISH
Process: TBW Emission Source: HO105

Emission Unit: F-INISH Emission Point: 24141

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

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a volatile organic liquid storage tank that is subject to 6 NYCRR Part 229 must maintain a record of the capacity (in gallons) of the volatile organic liquid storage tank at the facility.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: EPA Region 2 address.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 63.1:
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Enforcement and Compliance Assurance
625 Broadway
Albany, NY 12233-3258

Condition 1-15: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.112b(a)(3), NSPS Subpart Kb

Item 1-15.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

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

Item 1-15.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each storage vessel either with
a design capacity > or = 151 m3 containing a VOL that, as

stored, has a maximum true vapor pressure > or = 5.2 kPa but < 76.6 kPa or with a design capacity > or = 75 m3 but < 151 m3 containing a VOL that, as stored, has a maximum true vapor pressure > or = 27.6 kPa but < 76.7 kPa, shall equip each storage vessel with a closed vent system and control device meeting the following specification: The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of < 500 ppm above background and visual inspection, as determined in Part 60 Subpart VV, section 60.485(b).

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

Condition 65: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.113b(c), NSPS Subpart Kb

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

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

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

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each source that is equipped

with a closed vent system and control device as required in Section 60.112b(a)(3) or (b)(2) (other than a flare) is exempt from Section 60.8 of the General Provisions and shall meet the following requirements:

(1) Submit for approval by the Administrator as an attachment to the notification required by Section 60.7(a)(1) an operating plan containing the information listed below:

(i) Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions. This documentation is to include a description of the gas stream which enters the control device, including flow and VOC content under varying liquid level conditions and manufacturer's design specification for the control device. If the control device or the closed vent capture system receives vapors, gases or liquids other than fuels from sources that are not designated sources under this subpart, the efficiency demonstration is to include consideration of all vapors, gases and liquids received by the closed vent capture system and control device. If an enclosed combustion device with a minimum residence time of 0.75 seconds and a minimum temperature of 816 degrees C is used to meet the 95% requirement, documentation that these conditions will exist is sufficient to meet the requirements of this paragraph.

(ii) A description of the parameter to be monitored to ensure that the control device will be operated in conformance with its design and an explanation of the criteria used for selection of that parameter.

(2) Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with paragraph (c)(1) of this section, unless the plan was modified by the Administrator during the review process. In this case, the modified plan applies.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.115b(c), NSPS Subpart Kb

Item 66.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

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

Item 66.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Owner or operator shall keep the following records

(1) A copy of the operating plan.
(2) A record of the measured values of the parameters monitored in accordance with section 60.113b(c)(2).

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-16: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb

Item 1-16.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: F-INISH Emission Point: 23100

Emission Unit: F-INISH Emission Point: 37925

Emission Unit: F-INISH Emission Point: 37932

Emission Unit: F-INISH Emission Point: 70006

Emission Unit: F-INISH Emission Point: 76012

Emission Unit: U-28002 Emission Point: 28013

Emission Unit: W-97004 Emission Point: 97011

Emission Unit: W-97004 Emission Point: 97012

Emission Unit: W-97004 Emission Point: 97020

Emission Unit: W-97004 Emission Point: 97021

Emission Unit: C-27018
Process: TDI

Emission Unit: C-27018
Process: TR2

Emission Unit: C-27018
Process: TRC

Emission Unit: C-27018
Process: TRD

Emission Unit: W-97004
Process: CTT

Emission Unit: C-27035
Process: A2B Emission Source: CO508

Emission Unit: C-27035
Process: A2W Emission Source: CO508

Emission Unit: F-INISH
Process: PRB Emission Source: HB701

Emission Unit: F-INISH
Process: PRW Emission Source: HB701

Emission Unit: F-INISH
Process: TBB Emission Source: HO105

Emission Unit: F-INISH
Process: TBW Emission Source: HO105

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

Item 1-16.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each storage vesssel, as specified in 40 CFR 60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept on site for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters in subject to no provision of 40 CFR 60 Subpart Kb other than those required by the above paragraph.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.1206, Subpart EEE

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

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

Item 68.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee must comply with Subpart EEE by the required compliance date.

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

Condition 3-2: Accidental release provisions.
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable Federal Requirement: 40CFR 68

Replaces Condition(s) 2-3

Item 3-2.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

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

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

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

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

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

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

Condition 70: Emission Point Definition By Emission Unit
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 70.1(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27018

Emission Point: 21011
Height (ft.): 37 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 21

Emission Point: 27018
Height (ft.): 6 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27021
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27022
Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27023
Height (ft.): 20 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27024
Height (ft.): 30 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27025
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27032
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 34001
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 34

Emission Point: 34002
Height (ft.): 90 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 34

Emission Point: 35006
Height (ft.): 66 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35007
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35009
Height (ft.): 41 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35010
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35011
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35012
Height (ft.): 40 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35017
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35018
Height (ft.): 27 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35031
Height (ft.): 0 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 35901
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 35

Emission Point: 38006
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 38

Emission Point: 38007
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 38

Emission Point: 38018
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 38

Emission Point: 57002
Height (ft.): 70 Diameter (in.): 4

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 57

Emission Point: 57003
Height (ft.): 70 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 57

Emission Point: 62005
Height (ft.): 33 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 62007
Height (ft.): 140 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 62011
Height (ft.): 33 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 70001
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 70

Emission Point: 70003
Height (ft.): 22 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 70

Emission Point: 97001
Height (ft.): 100 Diameter (in.): 30
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97002
Height (ft.): 100 Diameter (in.): 36
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97003
Height (ft.): 100 Diameter (in.): 42
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97013
Height (ft.): 84 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Item 70.2(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-61007

Emission Point: 61001
Height (ft.): 30 Diameter (in.): 18
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61002
Height (ft.): 30 Diameter (in.): 18
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61003
Height (ft.): 30 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61005
Height (ft.): 10 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61006
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61007
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61008
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61009
Height (ft.): 59 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61010
Height (ft.): 59 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61801
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61802
Height (ft.): 39 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61805
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Item 70.3(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-62008

Emission Point: 55001
Height (ft.): 31 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 55

Emission Point: 55005
Height (ft.): 75 Diameter (in.): 27
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 55

Emission Point: 55006
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 55

Emission Point: 55007
Height (ft.): 13 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 55

Emission Point: 57001
Height (ft.): 31 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 57

Emission Point: 57004
Height (ft.): 28 Diameter (in.): 26
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 57

Emission Point: 62008
Height (ft.): 1 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 62009
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 62012
Height (ft.): 31 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 62

Emission Point: 64001
Height (ft.): 9 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 64

Emission Point: 65001

Height (ft.): 40 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 65

Emission Point: 65002
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 65

Emission Point: 65003
Height (ft.): 30 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 65

Item 70.4(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: F-INISH

Emission Point: 21101
Height (ft.): 10 Diameter (in.): 9
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 21

Emission Point: 23005
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 23

Emission Point: 23100
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 23

Emission Point: 23101
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 23

Emission Point: 24102
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24103
Height (ft.): 80 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24104
Height (ft.): 87 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24105
Height (ft.): 87 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24107
Height (ft.): 87 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24108
Height (ft.): 108 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24109
Height (ft.): 86 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24110
Height (ft.): 86 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24111
Height (ft.): 86 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24120
Height (ft.): 137 Diameter (in.): 10
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24121
Height (ft.): 87 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24125
Height (ft.): 47 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24127
Height (ft.): 67 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24132
Height (ft.): 21 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24133
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24134
Height (ft.): 55 Diameter (in.): 2

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24135
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24136
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24141
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24201
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24202
Height (ft.): 135 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24205
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24207
Height (ft.): 118 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24208
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24209
Height (ft.): 72 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24210
Height (ft.): 72 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24211
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24301

Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24302
Height (ft.): 136 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24305
Height (ft.): 106 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24307
Height (ft.): 73 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24308
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24309
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24310
Height (ft.): 137 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24311
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24312
Height (ft.): 134 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24401
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24402
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24404
Height (ft.): 114 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24405
Height (ft.): 88 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24407
Height (ft.): 89 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24409
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24411
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24412
Height (ft.): 134 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24413
Height (ft.): 30 Diameter (in.): 19
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24414
Height (ft.): 65 Diameter (in.): 19
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24423
Height (ft.): 40 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24702
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24703
Height (ft.): 65 Diameter (in.): 19
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24704
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24801
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24806
Height (ft.): 18 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24906
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24907
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24908
Height (ft.): 6 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24909
Height (ft.): 4 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24910
Height (ft.): 4 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24916
Height (ft.): 134 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24922
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24924
Height (ft.): 10 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24925
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24927
Height (ft.): 3 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24928
Height (ft.): 8 Diameter (in.): 1

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24932
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24933
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24934
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24935
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24936
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24937
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24938
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24939
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24940
Height (ft.): 30 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24A

Emission Point: 24944
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24945
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24946

Height (ft.): 139 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24947
Height (ft.): 71 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 24

Emission Point: 24948
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 27102
Height (ft.): 7 Diameter (in.): 11
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 28009
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 29102
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 29

Emission Point: 30001
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30002
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30801
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30802
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30803
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30804
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30805
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30806
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30807
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30808
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30901
Height (ft.): 12 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30902
Height (ft.): 43 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30904
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30905
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30907
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30910
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30911
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30912
Height (ft.): 27 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30913
Height (ft.): 31 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30914
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30915
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30916
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30917
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30918
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30921
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30922
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30932
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30933
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30935
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30937
Height (ft.): 27 Diameter (in.): 14

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30938
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30939
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30945
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 30946
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31003
Height (ft.): 26 Diameter (in.): 23
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31017
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31019
Height (ft.): 24 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31022
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31030
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31031
Height (ft.): 28 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31032
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31034

Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31035
Height (ft.): 46 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31036
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31037
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31038
Height (ft.): 24 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30E

Emission Point: 31040
Height (ft.): 45 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 31041
Height (ft.): 46 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32006
Height (ft.): 31 Diameter (in.): 23
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32007
Height (ft.): 28 Diameter (in.): 27
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32008
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32009
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32016
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32017
Height (ft.): 26 Diameter (in.): 29
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32026
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32027
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32028
Height (ft.): 42 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32029
Height (ft.): 42 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32030
Height (ft.): 42 Diameter (in.): 32
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32033
Height (ft.): 32 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32035
Height (ft.): 82 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32036
Height (ft.): 3 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32038
Height (ft.): 9 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32040
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32042
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32044
Height (ft.): 26 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32046
Height (ft.): 42 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32049
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 32050
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33002
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33003
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33004
Height (ft.): 28 Diameter (in.): 23
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33017
Height (ft.): 29 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33019
Height (ft.): 26 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33020
Height (ft.): 41 Length (in.): 11 Width (in.): 14
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33024
Height (ft.): 23 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33901
Height (ft.): 15 Diameter (in.): 1

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33902
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33903
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33904
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33905
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 33906
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 30

Emission Point: 36001
Height (ft.): 12 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 36

Emission Point: 37001
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37002
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37003
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37004
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37005
Height (ft.): 20 Diameter (in.): 18
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37007

Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37009
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37011
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37012
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37013
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37014
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37016
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37017
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37018
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37019
Height (ft.): 51 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37020
Height (ft.): 45 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37021
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37022
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37023
Height (ft.): 7 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37027
Height (ft.): 2 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37032
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37033
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133

Emission Point: 37034
Height (ft.): 56 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37036
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37040
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37041
Height (ft.): 45 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37042
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37044
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37045
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37047
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37048
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37049
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37050
Height (ft.): 42 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37051
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37054
Height (ft.): 40 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37055
Height (ft.): 44 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37056
Height (ft.): 40 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37059
Height (ft.): 16 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37060
Height (ft.): 0 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37061
Height (ft.): 45 Diameter (in.): 21
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37066
Height (ft.): 38 Diameter (in.): 2

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37067
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37068
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37069
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37070
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37071
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37074
Height (ft.): 18 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37075
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37077
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37701
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37702
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37704
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37705

Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37707
Height (ft.): 43 Diameter (in.): 21
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37708
Height (ft.): 43 Diameter (in.): 8
Building: 37

Emission Point: 37801
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37803
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37804
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37805
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37806
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37812
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37813
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37814
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37815
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37816
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37817
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37818
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37819
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37901
Height (ft.): 40 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37902
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37903
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37905
Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37907
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37909
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37910
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37911
Height (ft.): 54 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37917
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37918
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37919
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37920
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37921
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37922
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37924
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37925
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37929
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37932
Height (ft.): 21 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37934
Height (ft.): 43 Diameter (in.): 11
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37935
Height (ft.): 20 Diameter (in.): 1

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37936
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37937
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37938
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37939
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37940
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37941
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37942
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37943
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37944
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37945
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37946
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37947

Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37948
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37949
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37950
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 37951
Height (ft.): 64 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 37

Emission Point: 38008
Height (ft.): 20 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 38

Emission Point: 41001
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 41

Emission Point: 41002
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 41

Emission Point: 41003
Height (ft.): 30 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 41

Emission Point: 42001
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 42002
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 42003
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 42005
Height (ft.): 4 Diameter (in.): 36
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 42012
Height (ft.): 30 Diameter (in.): 40
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42A

Emission Point: 42019
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 42020
Height (ft.): 34 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 42

Emission Point: 48001
Height (ft.): 38 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 48

Emission Point: 61602
Height (ft.): 20 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 61603
Height (ft.): 35 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 61

Emission Point: 70006
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 71001
Height (ft.): 55 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71003
Height (ft.): 43 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71005
Height (ft.): 45 Diameter (in.): 18
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71009
Height (ft.): 14 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71010
Height (ft.): 12 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71011
Height (ft.): 24 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71013
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71014
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71016
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 71

Emission Point: 71710
Height (ft.): 0 Diameter (in.): 24

Emission Point: 76001
Height (ft.): 115 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76004
Height (ft.): 1 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76005
Height (ft.): 0 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76006
Height (ft.): 76 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76007
Height (ft.): 76 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76009
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76012
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76013
Height (ft.): 20 Diameter (in.): 2
Building: 76

Emission Point: 76014
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76701
Height (ft.): 81 Diameter (in.): 18
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76703
Height (ft.): 76 Diameter (in.): 36
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76705
Height (ft.): 76 Diameter (in.): 48
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76710
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76711
Height (ft.): 0 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 76716
Height (ft.): 7 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 76

Emission Point: 78001
Height (ft.): 133 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78002
Height (ft.): 133 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78003
Height (ft.): 132 Diameter (in.): 16

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78004
Height (ft.): 132 Diameter (in.): 16
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78005
Height (ft.): 132 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78006
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78007
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78008
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78009
Height (ft.): 24 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78011
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78012
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78015
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78016
Height (ft.): 60 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78017
Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78018

Height (ft.): 58 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78019
Height (ft.): 50 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78021
Height (ft.): 11 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78022
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78023
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78024
Height (ft.): 10 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 78025
Height (ft.): 50 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 78

Emission Point: 85001
Height (ft.): 55 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85002
Height (ft.): 105 Diameter (in.): 24
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85004
Height (ft.): 107 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85005
Height (ft.): 67 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85006
Height (ft.): 36 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85008
Height (ft.): 36 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85009
Height (ft.): 30 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85013
Height (ft.): 105 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85015
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85020
Height (ft.): 16 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85021
Height (ft.): 56 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85022
Height (ft.): 16 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85023
Height (ft.): 42 Diameter (in.): 0
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85024
Height (ft.): 51 Diameter (in.): 0
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85025
Height (ft.): 69 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85036
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85037
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85038
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85039
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85040
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85041
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85042
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85043
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85044
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85054
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85058
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85059
Height (ft.): 16 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85066
Height (ft.): 100 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85901
Height (ft.): 23 Diameter (in.): 1

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85902
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85903
Height (ft.): 23 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 85904
Height (ft.): 35 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 85

Emission Point: 97023
Height (ft.): 9 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Item 70.5(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28002

Emission Point: 28002
Height (ft.): 100 Diameter (in.): 72
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 28006
Height (ft.): 150 Diameter (in.): 71
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 28013
Height (ft.): 27 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 28020
Height (ft.): 50 Diameter (in.): 72
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Item 70.6(From Mod 3):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-28003

Emission Point: 28003
Height (ft.): 100 Diameter (in.): 96
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 28004
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Emission Point: 28005
Height (ft.): 100 Diameter (in.): 54
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 28

Item 70.7(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-23002

Emission Point: 23002
Height (ft.): 18 Diameter (in.): 37
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 23

Item 70.8(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-27035

Emission Point: 27035
Height (ft.): 21 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27036
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27037
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27038
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Emission Point: 27039
Height (ft.): 1 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 27

Item 70.9(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-62014

Emission Point: 68001
Height (ft.): 110 Diameter (in.): 10
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 68

Emission Point: 68002
Height (ft.): 12 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 68

Emission Point: 68003
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 68

Emission Point: 68004
Height (ft.): 10 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 68

Emission Point: 68007
Height (ft.): 10 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 68

Item 70.10(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-13004

Emission Point: 13004
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 13

Emission Point: 13005
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 13

Emission Point: 13006
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 13

Emission Point: 13012
Height (ft.): 26 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 13

Item 70.11(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: T-14009

Emission Point: 14006
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14007
Height (ft.): 25 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14008
Height (ft.): 25 Diameter (in.): 10
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14009
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14010
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14011
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14013
Height (ft.): 23 Diameter (in.): 20
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14014
Height (ft.): 24 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 14015
Height (ft.): 40 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 14

Emission Point: 15005
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15013
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15027
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15028
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15075
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15081
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15091
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15103
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15105
Height (ft.): 25 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15106
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15108
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15109
Height (ft.): 13 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15110
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15111
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15112
Height (ft.): 45 Diameter (in.): 1

NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15113
Height (ft.): 35 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15116
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 15117
Height (ft.): 45 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 16001
Height (ft.): 17 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 15

Emission Point: 16004
Height (ft.): 13 Diameter (in.): 12
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 16

Item 70.12(From Mod 2):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: W-97004

Emission Point: 95002
Height (ft.): 27 Diameter (in.): 36
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 95

Emission Point: 97004
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97005
Height (ft.): 15 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97008
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97011
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97012
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97015
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97016
Height (ft.): 50 Diameter (in.): 6
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97017
Height (ft.): 15 Diameter (in.): 8
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97018
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97019
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 96A

Emission Point: 97020
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97021
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97041
Height (ft.): 15 Diameter (in.): 1
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97042
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97043
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Emission Point: 97044
Height (ft.): 26 Diameter (in.): 2
NYTMN (km.): 4741.324 NYTME (km.): 609.133 Building: 97

Condition 71: Process Definition By Emission Unit
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 71.1(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: AYA Source Classification Code: 3-01-840-01
Process Description:
LDH/Siloxane oil production. Insignificant emissions from the 107/108 column.

Emission Source/Control: AY101 - Process

Item 71.2(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: CMP Source Classification Code: 3-01-070-02
Process Description:
HCl compressor and GDH start up. This process represents Hydrogen Chloride fume scrubber for GDH start ups.

Emission Source/Control: CN4C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CN402 - Process

Item 71.3(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: CNA Source Classification Code: 3-01-870-97
Process Description:
ZnCl solution tank. Insignificant emissions from the ZnCl solution tank due to breathing losses.

Emission Source/Control: CN501 - Process

Item 71.4(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: CNB Source Classification Code: 3-01-870-98

Process Description:
ZnCl solution tank. Insignificant emissions from the ZnCl solution tank due to working losses.

Emission Source/Control: CN501 - Process

Item 71.5(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: COA Source Classification Code: 3-01-870-33
Process Description:
526 Tank. Insignificant emissions from the 526 Tank due to breathing losses.

Emission Source/Control: CO201 - Process

Item 71.6(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: COB Source Classification Code: 3-01-870-34
Process Description:
526 Tank. Insignificant emissions from the 526 Tank due to working losses.

Emission Source/Control: CO201 - Process

Item 71.7(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: CSD Source Classification Code: 3-01-840-01
Process Description:
Chlorosilane distillation. This process consists of distillation columns in the Chlorosilane distillation area which vent to the MCS vent scrubber.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE523 - Process

Emission Source/Control: GE524 - Process

Emission Source/Control: GE551 - Process

Emission Source/Control: GE552 - Process

Item 71.8(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: EBA Source Classification Code: 3-01-026-30
Process Description:
LDH/Siloxane oil production. Insignificant emissions from a tank used to collect Silicone oil from an oil/water separator which is pumped out when full.

Emission Source/Control: EB701 - Process

Item 71.9(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: EBC Source Classification Code: 3-01-026-30
Process Description:
LDH/Siloxane oil production. Insignificant emissions from the D Cracker hot well which receives Nitrogen and condensed steam and cyclic Siloxanes from the D Cracker ejector system.

Emission Source/Control: EB901 - Process

Item 71.10(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: ECA Source Classification Code: 3-01-026-30
Process Description:
LDH/Siloxane oil production. Insignificant emissions from the Cracker preheaters drain tank which receives water and Cyclic Siloxanes from preheaters on Crackers B C and D.

Emission Source/Control: EC001 - Process

Item 71.11(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: ECB Source Classification Code: 4-90-001-99
Process Description:
LDH/Siloxane oil production. Insignificant emissions from the D Cracker reactor vent.

Emission Source/Control: EC101 - Process

Item 71.12(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: ECC Source Classification Code: 3-01-070-01
Process Description:
LDH/Siloxane oil production: Insignificant emissions from the C Cracker reactor vent.

Emission Source/Control: EC201 - Process

Item 71.13(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: EQL Source Classification Code: 6-84-800-01
Process Description:
Equipment leaks. This process represents closed vent system, compressor, connector, pressure relief valve, pump, sampling connection, vessel and receiver, and valve leaks for the Methyl Chloride chemical manufacturing process unit.

Emission Source/Control: FUGTV - Process

Item 71.14(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FGB Source Classification Code: 3-01-026-30
Process Description:
Tank farm. Insignificant emissions from Siloxane storage tank 007. Tank has a continous Nitrogen purge.

Emission Source/Control: FG6C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: FG601 - Process

Item 71.15(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FGC Source Classification Code: 3-01-026-30
Process Description:
Tank farm. Insignificant emissions from Siloxane storage tank 008. Tank has a continuous Nitrogen purge.

Emission Source/Control: FG7C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: FG701 - Process

Item 71.16(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FHA Source Classification Code: 3-01-026-30
Process Description:
Tank farm. Insignificant emissions from 30,000 gallon storage tank 539. Tank has a continuous Nitrogen purge.

Emission Source/Control: FH801 - Process

Item 71.17(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FRP Source Classification Code: 3-01-070-02
Process Description:
The Fines Reuse Process will feed silicon fines to the MCS-3 reactor for further reaction. Resulting vents containing silicon powder will be routed to a venturi scrubber (GF1C3) and a wet cyclone (GF1C4) before going to a venturi/packed scrubber pair.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C3 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C4 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: GE501 - Process

Emission Source/Control: GE509 - Process

Emission Source/Control: GE545 - Process

Emission Source/Control: GE546 - Process

Emission Source/Control: GE557 - Process

Emission Source/Control: GE558 - Process

Item 71.18(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FSB Source Classification Code: 3-99-999-94
Process Description: Breathing losses from storage tank.

Emission Source/Control: CN502 - Process
Design Capacity: 42,000 gallons

Item 71.19(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: FSW Source Classification Code: 3-99-999-94
Process Description: Working losses from storage tank.

Emission Source/Control: CN502 - Process
Design Capacity: 42,000 gallons

Item 71.20(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: GRA Source Classification Code: 3-01-026-30
Process Description:
Storage tanks. Insignificant emissions from working losses from Siloxane hydrolyzate storage tank.

Emission Source/Control: GR101 - Process

Item 71.21(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: GRB Source Classification Code: 3-01-026-30
Process Description:
Insignificant emissions from standing storage losses from Siloxane hydrolyzate storage tanks.

Emission Source/Control: GR101 - Process

Item 71.22(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: GRC Source Classification Code: 3-01-026-30
Process Description:
Insignificant emissions from working losses from Siloxane hydrolyzate storage tank.

Emission Source/Control: GR301 - Process

Item 71.23(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: GRD Source Classification Code: 3-01-026-30
Process Description:
Insignificant emissions from standing storage losses from Siloxane hydrolyzate storage tank.

Emission Source/Control: GR301 - Process

Item 71.24(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: HWW Source Classification Code: 3-85-001-10

Process Description:
Heat exchange system. This process represents cooling water from heat exchange systems within the Methyl Chloride chemical manufacturing process unit.

Emission Source/Control: HXCWW - Process

Item 71.25(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: INC Source Classification Code: 5-03-007-01
Process Description:
Waste treatment incinerators. This process consists of the Rotary Kiln Incinerator and the Fixed Box Incinerator no. 2 in the waste treatment plant.

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB201 - Incinerator
Design Capacity: 27.1 million Btu per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: HAZARDOUS WASTE

Emission Source/Control: IB301 - Incinerator
Design Capacity: 30 million Btu per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: HAZARDOUS WASTE

Item 71.26(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: LBD Source Classification Code: 3-99-999-94
Process Description:
Low boiling distillation and redistribution. This process consists of multiple distillation columns and two reactors in the low boiling distillation and redistribution area which vent to the waste incinerators or the MCS vent scrubber.

Emission Source/Control: GE5C1 - Control

Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB255 - Process

Emission Source/Control: IB266 - Process

Emission Source/Control: IB355 - Process

Emission Source/Control: IB364 - Process

Emission Source/Control: IB365 - Process

Emission Source/Control: IB367 - Process

Item 71.27(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: LDH Source Classification Code: 3-01-026-30
Process Description:
LDH/Siloxanes oil production. This process represents distillation columns, crackers, Siloxane water removal systems, and neutralizer vents associated with LDH and Siloxanes oil production.

Emission Source/Control: EB6C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: EC7C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: EC8C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: EB601 - Process

Emission Source/Control: EB602 - Process

Emission Source/Control: EC701 - Process

Emission Source/Control: EC801 - Process

Emission Source/Control: EC802 - Process

Item 71.28(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MCR Source Classification Code: 3-99-999-94
Process Description:
MCS IV reactor purge. This process consists of a purge on a reactor vessel.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE559 - Process

Item 71.29(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MCS Source Classification Code: 3-99-999-94
Process Description:
MCS to incinerators/scrubbers. This process consists of sources in the Methyl Chlorosilane operations area which vent to the waste incinerators, the MCS vent incinerator, or the MCS vent scrubber.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C3 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C4 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: FY201 - Process

Emission Source/Control: FY301 - Process

Emission Source/Control: GE501 - Process

Emission Source/Control: GE509 - Process

Emission Source/Control: GE514 - Process

Emission Source/Control: GE515 - Process

Emission Source/Control: GE516 - Process

Emission Source/Control: GE522 - Process

Emission Source/Control: GE545 - Process

Emission Source/Control: GE546 - Process

Emission Source/Control: GE547 - Process

Emission Source/Control: GE557 - Process

Emission Source/Control: GE558 - Process

Item 71.30(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MIV Source Classification Code: 3-99-999-94
Process Description:
MCS IV Methyl Chloride recovery column. This process consists of the MCS IV Methyl Chloride recovery column which vents to the MCS vent incinerator or the waste incinerator.

Emission Source/Control: GE7C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: GE7C2 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GE7C7 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: GE7C8 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control

Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GE709 - Process

Item 71.31(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MRC Source Classification Code: 3-01-840-01
Process Description:
Methanol recovery columns. Dual distillation columns which recover Methanol from water scrubber bottom product.

Emission Source/Control: DY101 - Process

Emission Source/Control: DY201 - Process

Item 71.32(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MST Source Classification Code: 3-01-070-02
Process Description:
Methanol storage tanks. Two storage tanks that supply Methanol to the Methyl Chloride reactors in building 34. Both tanks are equipped with an internal floating roof.

Emission Source/Control: CN2C1 - Control
Control Type: FLOATING ROOF

Emission Source/Control: CN3C1 - Control
Control Type: FLOATING ROOF

Emission Source/Control: CN201 - Process

Emission Source/Control: CN301 - Process

Item 71.33(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MTC Source Classification Code: 3-99-999-94
Process Description:
Column 114 B Mono/Tri column. This process consists of the 114 B distillation column which vents to the waste incinerators or to the MCS vent scrubber on startup.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control

Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB366 - Process

Item 71.34(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: MWW Source Classification Code: 3-01-820-10
Process Description:
Maintenance wastewater. This process represents maintenance wastewater from the Methyl Chloride chemical manufacturing process unit.

Emission Source/Control: MNTWW - Process

Item 71.35(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: PWW Source Classification Code: 3-01-820-10
Process Description:
Process wastewater. This process represents process wastewater from the Methyl Chloride chemical manufacturing process unit.

Emission Source/Control: PROWW - Process

Item 71.36(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: SFH Source Classification Code: 3-99-999-94
Process Description:
MCS IV Silicon feed hoppers. This process consists of two fresh Silicon feed hoppers in the MCS IV operational area.

Emission Source/Control: FY2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FY3C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FY201 - Process

Emission Source/Control: FY301 - Process

Item 71.37(From Mod 3):

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

Emission Unit: C-27018
Process: SST Source Classification Code: 3-01-070-02
Process Description:
Water scrubber, spent sulfuric storage tank and loading. Sulfuric acid fumes are vented from the head space of the spent sulfuric acid tank.

Emission Source/Control: CM8C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CM801 - Process

Item 71.38(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TBA Source Classification Code: 3-99-999-94
Process Description:
Tributylamine tank 014 502. This process consists of the working losses from Tributylamine storage tank 014 502.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE521 - Process

Item 71.39(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TCS Source Classification Code: 3-99-999-94
Process Description:
TCS/FS to incinerators or scrubbers. This process consists of sources in the Tri-Chlorosilane and fumed Silica operating areas which vent to the waste incinerators or the MCS vent scrubbers.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GE543 - Process

Emission Source/Control: GE544 - Process

Emission Source/Control: IB320 - Process

Emission Source/Control: IB357 - Process

Emission Source/Control: IB358 - Process

Emission Source/Control: IB362 - Process

Emission Source/Control: IB363 - Process

Item 71.40(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TDI Source Classification Code: 3-99-999-94
Process Description:
Dimethyldichlorosilane tanks 001A, 002A. This process consists of two Dimethyldichlorosilane tanks which vent to the MCS vent scrubber due to working losses.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE510 - Process

Item 71.41(From Mod 3):

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

Emission Unit: C-27018
Process: TNK Source Classification Code: 3-99-999-94
Process Description:
Storage tanks - working losses. This process consists of working losses from storage tanks which vent to the MCS vent scrubber or the waste incinerators.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GE548 - Process

Emission Source/Control: GE554 - Process

Emission Source/Control: GE555 - Process

Emission Source/Control: GE556 - Process

Emission Source/Control: GF110 - Process

Emission Source/Control: GF120 - Process

Emission Source/Control: GF128 - Process

Emission Source/Control: IB318 - Process

Emission Source/Control: IB319 - Process

Emission Source/Control: IB342 - Process

Emission Source/Control: IB343 - Process

Emission Source/Control: IB344 - Process

Emission Source/Control: IB348 - Process

Emission Source/Control: IB349 - Process

Emission Source/Control: IB359 - Process

Emission Source/Control: IB360 - Process

Emission Source/Control: IB361 - Process

Item 71.42(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TNV Source Classification Code: 3-99-999-94
Process Description:
This process consists of redistribution tanks which vent when filled (working losses) to the waste incinerators as an alternate and equivalent means of control.

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB356 - Process

Item 71.43(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TR2 Source Classification Code: 3-99-999-94
Process Description:
Residue storage tank 599A. This process consists of the working losses from residue storage tank 599A.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE520 - Process

Item 71.44(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TRC Source Classification Code: 3-99-999-94
Process Description:
Residue cleavage tank 004A. This process consists of working losses from residue cleavage tank 004A.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE528 - Process

Item 71.45(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TRD Source Classification Code: 3-99-999-94
Process Description:
Redistribution tankage. This process consists of working losses from two tanks utilized in redistribution.

Emission Source/Control: GE5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GE5C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GF1C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: GF1C2 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: GE512 - Process

Item 71.46(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: TVS Source Classification Code: 3-99-999-94
Process Description:
This process consists of slurry and Silane tanks which vent when filled (working losses) to the waste incinerators as an alternate and equivalent means of control.

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB312 - Process

Item 71.47(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: WES Source Classification Code: 3-01-840-01
Process Description:
117/118 column system. Emissions from the 117/118 columns are transferred to the 547B knockout tank, where condensed vapors are collected. The remaining vapors are sent to an eductor water unit, where the gases are mixed with tempered water and are sent to the chemical sewer.

Emission Source/Control: EE1C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: EE101 - Process

Item 71.48(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27018
Process: WTS Source Classification Code: 3-99-999-94
Process Description:
Waste treatment air strippers. This process consists of the waste treatment plant air strippers.

Emission Source/Control: IB1C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB1C3 - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB1C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB1C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB2C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB2C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB2C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB2C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C1 - Control
Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: IB3C2 - Control
Control Type: SPRAY TOWER

Emission Source/Control: IB3C3 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: IB3C4 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C5 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C6 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C7 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C8 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB3C9 - Control
Control Type: WET SCRUBBER

Emission Source/Control: IB311 - Process

Item 71.49(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: FZA Source Classification Code: 3-99-999-94
Process Description:
Silicon grinding. Insignificant emissions from dust resulting from the unloading of rail cars of Silicon.

Emission Source/Control: FZ701 - Process

Item 71.50(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: FZB Source Classification Code: 3-99-999-94
Process Description:
Silicon grinding. Insignificant emissions from the powder vents east dust collector TSW-610327.

Emission Source/Control: FZ801 - Process

Item 71.51(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: FZC Source Classification Code: 3-99-999-94
Process Description:
Silicon grinding. Insignificant emissions from the grinding west dust collector TSW-610335.

Emission Source/Control: FZ901 - Process

Item 71.52(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: GCA Source Classification Code: 3-99-999-94
Process Description:
Fines passivation. Fines are mixed with Lignin and water to neutralize and harden the material. Associated equipment is a mixer.

Emission Source/Control: GC1C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GC101 - Process

Item 71.53(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: GCB Source Classification Code: 3-99-999-94
Process Description:
Fines passivation. Fines are mixed with Lignin and water to neutralize and harden the material. Associated equipment is a mixer.

Emission Source/Control: GC2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GC201 - Process

Item 71.54(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: GCC Source Classification Code: 3-99-999-94
Process Description:
Fines passivation. Fines are mixed with Lignin and water to neutralize and harden the material. Associated equipment is a bag dump station.

Emission Source/Control: GC5C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: GC501 - Process

Item 71.55(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: GNA Source Classification Code: 3-99-999-94
Process Description:
Silicon grinding. Insignificant emissions from dust filter TSW-610328.

Emission Source/Control: GN001 - Process

Item 71.56(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-61007
Process: SGO Source Classification Code: 3-99-999-94
Process Description:
Old Silicon grinding plant - unloads Silicon metal from rail cars to buffer silo. Silicon is fed from buffer silo to ball mill. Ball mill grinds Silicon and discharges ground powder to screener. Finished product is placed in silos; oversize material is recycled from screener to mill.

Emission Source/Control: FZ5C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FZ101 - Process

Emission Source/Control: FZ201 - Process

Emission Source/Control: FZ301 - Process

Emission Source/Control: FZ501 - Process

Emission Source/Control: FZ601 - Process

Item 71.57(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: FWA Source Classification Code: 3-99-999-94
Process Description: MCS-3 Oil Surge Tank working losses.

Emission Source/Control: FW601 - Process

Item 71.58(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: FWB Source Classification Code: 3-99-999-94
Process Description: MCS-3 Glycol Surge Tank - Working losses.

Emission Source/Control: FW701 - Process

Item 71.59(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GIA Source Classification Code: 3-99-999-94
Process Description: MCS2 (64) Glycol Surge Tank - Breathing losses.

Emission Source/Control: GI101 - Process

Item 71.60(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GIB Source Classification Code: 3-99-999-94
Process Description: MCS-2 (64) Glycol Surge Tank - Working losses.

Emission Source/Control: GI101 - Process

Item 71.61(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GJA Source Classification Code: 3-99-999-94
Process Description: MCS-2 (65) Glycol Surge Tank - Breathing Losses.

Emission Source/Control: GJ201 - Process

Item 71.62(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GJB Source Classification Code: 3-99-999-94
Process Description: MCS-2 Oil Surge Tank - Working Losses.

Emission Source/Control: GJ201 - Process

Item 71.63(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GJC Source Classification Code: 3-99-999-94
Process Description: MCS-2 Oil Surge Tank - Breathing Losses.

Emission Source/Control: GJ301 - Process

Item 71.64(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: GJD Source Classification Code: 3-99-999-94

Process Description: MCS-2 Oil Surge Tank Working Losses

Emission Source/Control: GJ301 - Process

Item 71.65(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: MCB Source Classification Code: 3-01-070-02
Process Description:
MCS Tank - Breathing Losses. This process represents the breathing losses from a storage tank in the MCS production operations.

Emission Source/Control: GF201 - Process

Item 71.66(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: MCW Source Classification Code: 3-01-070-02
Process Description:
MCS-Tanks - Working Loss - This process consisits of Working Losses from tanks in the MCS production operation.

Emission Source/Control: GE901 - Process

Emission Source/Control: GF201 - Process

Item 71.67(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: OFG Source Classification Code: 1-02-006-03
Process Description: MCS Hot oil furnaces burning natural gas

Emission Source/Control: FW501 - Combustion

Emission Source/Control: FY401 - Combustion

Emission Source/Control: GJ101 - Combustion

Item 71.68(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008

Process: OFO Source Classification Code: 1-02-005-03
Process Description: MCS Hot oil furnaces with limits on #2 fuel oil.

Emission Source/Control: FW501 - Combustion

Emission Source/Control: FY401 - Combustion

Emission Source/Control: GJ101 - Combustion

Item 71.69(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: VSC Source Classification Code: 3-01-070-02
Process Description:
Vacuum system used for catalyst transfer into catalyst feed hopper.

Emission Source/Control: FW101 - Process

Emission Source/Control: GE801 - Process

Item 71.70(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62008
Process: VSF Source Classification Code: 3-99-999-94
Process Description:
Vacuum system for catalyst transfer into catalyst feed hopper.

Emission Source/Control: FY101 - Process

Item 71.71(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 1FS Source Classification Code: 3-01-026-30
Process Description:
1M Fluorosilicone reactor. A 1000 gallon batch system used to manufacture Fluorosilicone Polysiloxane. The process consists of two steps: production of 88536 followed by hydrolysis. Major equipment includes a reactor, weigh tank, and two receivers.

Emission Source/Control: GU3C1 - Control
Control Type: VAPOR RECOVERY SYSTEMS, REFRIGERATED

CONDENSER, GAS SCRUBBER (GENERAL)

Emission Source/Control: GU301 - Process

Emission Source/Control: GU302 - Process

Emission Source/Control: GU303 - Process

Emission Source/Control: GU304 - Process

Item 71.72(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 1ME Source Classification Code: 3-01-026-30
Process Description:
1M hydrolyzer eductor. The 1M hydrolyzer vents to an eductor scrubber which eventually flows to the chemical sewer.

Emission Source/Control: GU601 - Process

Item 71.73(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 1MH Source Classification Code: 3-01-026-30
Process Description:
1M hydrolyzer. A 1000 gallon multifunctional batch system used to manufacture various product grades. The hydrolyzer is used for hydrolysis reactions. Associated equipment includes weigh tanks, drum/tanker charges, and filters and a vacuum pump.

Emission Source/Control: GU101 - Process

Emission Source/Control: GU401 - Process

Item 71.74(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 1MR Source Classification Code: 3-01-026-30
Process Description:
1M reactor. A 1000 gallon batch system used to manufacture various specialty products. Associated equipment includes weigh tanks, drum/tanker charges,

filters.

Emission Source/Control: GT301 - Process

Item 71.75(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 1MV Source Classification Code: 3-01-026-30
Process Description:
1M reactor. Local ventilation system used to remove Dimethylformamide vapors during filter rebuild.

Emission Source/Control: GT901 - Process

Item 71.76(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 2MD Source Classification Code: 3-01-018-47
Process Description:
2M Dispersions - A batch process for the production of pressure-sensitive adhesives. Resin, Phenyl and Methyl gums, and catalysts are mixed and reacted. Water is refluxed out of the batch. Major equipment includes a kettle, receivers, and condensers.

Emission Source/Control: EM101 - Process

Item 71.77(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 2MH Source Classification Code: 3-01-026-30
Process Description:
2000 hydrolyzer system. A batch system that produces Silicone fluids and occasionally used as a back-up for the 3000 FAK system.

Emission Source/Control: EL201 - Process

Item 71.78(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 30D Source Classification Code: 3-01-026-99
Process Description:

WP1/WP4 Extruders Solids handling operations vent to two dust collectors in parallel. Associated equipment includes WP mixer funnels, WP mixers, filler densifier, bag and drum dump stations, and feeders.

Emission Source/Control: DS4C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DS403 - Process

Emission Source/Control: DS405 - Process

Emission Source/Control: DS407 - Process

Emission Source/Control: DS408 - Process

Emission Source/Control: DS414 - Process

Emission Source/Control: DS415 - Process

Emission Source/Control: DS416 - Process

Emission Source/Control: DS417 - Process

Emission Source/Control: DS418 - Process

Emission Source/Control: DS421 - Process

Emission Source/Control: DS422 - Process

Emission Source/Control: DS423 - Process

Emission Source/Control: DS424 - Process

Emission Source/Control: DT701 - Process

Emission Source/Control: DT702 - Process

Item 71.79(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 3MH Source Classification Code: 3-01-026-30
Process Description:
3M hydrolyzer. A 3000 gallon multifunctional batch system used to manufacture various product grades. The hydrolyzer is used for hydrolysis reactions, cold mixes, and

equilibrium processes. Associated equipment includes weigh tanks, drum/tanker charging, filters.

Emission Source/Control: GT1C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GT101 - Process

Emission Source/Control: GT102 - Process

Emission Source/Control: GT103 - Process

Emission Source/Control: GT104 - Process

Emission Source/Control: GT105 - Process

Emission Source/Control: GT106 - Process

Emission Source/Control: GT107 - Process

Emission Source/Control: GT108 - Process

Emission Source/Control: GT109 - Process

Emission Source/Control: GT301 - Process

Emission Source/Control: GT503 - Process

Emission Source/Control: GT504 - Process

Emission Source/Control: GT505 - Process

Item 71.80(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 4MD Source Classification Code: 3-01-018-47
Process Description:
4M Dispersions - Used for batch and continuous processes. The batch processes make paper-release and pressure-sensitive adhesives products. The continuous process performs crackbacks on transition material. Major equipment includes a kettle, receivers, and condensers.

Emission Source/Control: EN001 - Process

Item 71.81(From Mod 3):

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

Emission Unit: F-INISH
Process: 4MT Source Classification Code: 3-01-070-02
Process Description:
Tank Working Losses - Working losses from a naphtha storage tank. The tank is equipped with a 5 psig pressure relief valve and a pad/depad system.

Emission Source/Control: FE201 - Process

Item 71.82(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: 5PR Source Classification Code: 3-99-999-94
Process Description:
1500 Phenyl reactor (Diol and Tetramer). A batch system used to manufacture phenyl diol and Pheny Tetramer.

Emission Source/Control: EM6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: EM601 - Process

Emission Source/Control: EQ901 - Process

Item 71.83(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: APS Source Classification Code: 3-01-026-30
Process Description:
APS tank in bldg.37. This process consists of working losses from the APS tank in bldg. 37.

Emission Source/Control: FG0C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: FG001 - Process

Item 71.84(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ASD Source Classification Code: 3-01-026-30

Process Description:
Artisan stripper dust collector. Dust collection system for solids grinding operation.

Emission Source/Control: BK2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: BK201 - Process

Item 71.85(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: AST Source Classification Code: 3-01-026-30
Process Description:
Artisan stripper process tanks. This process consists of the feed (process) tanks servicing the Artisan stripper.

Emission Source/Control: BK401 - Process

Emission Source/Control: BK501 - Process

Item 71.86(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BBM Source Classification Code: 3-01-026-30
Process Description:
Rubber Mixers - Banbury Mixers used to produce silicone rubber compounds. The mixers are batch mixers.

Emission Source/Control: FO2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FO201 - Process

Emission Source/Control: FO203 - Process

Emission Source/Control: FO207 - Process

Emission Source/Control: FO210 - Process

Item 71.87(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BDC Source Classification Code: 3-99-999-94

Process Description:
Bag dump dust collector. This process consists of a dust collector utilized when loading solid materials in a charging hopper.

Emission Source/Control: FE4C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FE401 - Process

Item 71.88(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BE1 Source Classification Code: 3-01-026-30
Process Description:
South resins. During the vacuum process, emissions from a body kettle condenser pass through a receiver to a vacuum eductor and out to the atmosphere.

Emission Source/Control: BN7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: CG6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: BN701 - Process

Item 71.89(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BE2 Source Classification Code: 3-01-026-30
Process Description:
East resins. During the vacuum process, emissions from a body kettle condenser pass through a receiver to a vacuum eductor and out to the atmosphere.

Emission Source/Control: BQ7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: CG6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: BQ701 - Process

Item 71.90(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BEA Source Classification Code: 4-07-228-02
Process Description:
Transfer and Blending. Insignificant emissions from working losses of acetone storage tank.

Emission Source/Control: BE101 - Process

Item 71.91(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BEB Source Classification Code: 4-07-228-01
Process Description:
Transfer and Blending. Insignificant emissions from standing storage losses of Acetone storage tank.

Emission Source/Control: BE101 - Process

Item 71.92(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BFV Source Classification Code: 3-01-026-30
Process Description:
Rubber Mixers Solids handling operations associated with the Rubber Mixer Area. Associated equipment includes filler vents, filler use bins, and silos.

Emission Source/Control: FO2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FO204 - Process

Emission Source/Control: FO206 - Process

Emission Source/Control: FO208 - Process

Emission Source/Control: FO211 - Process

Emission Source/Control: FO212 - Process

Item 71.93(From Mod 3):

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

Emission Unit: F-INISH
Process: BHA Source Classification Code: 3-01-070-02
Process Description:
MQ Resing. Insignificant emissions from a closed stirred kettle used as a charge tank for various organic solvents and water.

Emission Source/Control: BH401 - Process

Item 71.94(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BJA Source Classification Code: 3-99-999-94
Process Description:
MQ Resins. Insignificant emissions from a screen cleaning bath.

Emission Source/Control: BJ101 - Process

Item 71.95(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BJJ Source Classification Code: 3-01-070-02
Process Description:
MQ resins. Insignificant emissions from a polar solvent stripper (PSS) receiver.

Emission Source/Control: BJ501 - Process

Item 71.96(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BKA Source Classification Code: 3-01-026-30
Process Description:
Artesian stripper. Insignificant emissions from solvent recovery tank.

Emission Source/Control: BK3C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: BK301 - Process

Item 71.97(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BM1 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 225 gallon Day Mixer, the 500 gallon Day Mixer, and the 500 gallon B-K mixer vent to the atmosphere. The mixers are used to mix Silicone.

Emission Source/Control: DB401 - Process

Emission Source/Control: DD101 - Process

Emission Source/Control: DD201 - Process

Item 71.98(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BM2 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 225 gallon Day Mixer, the 500 Day Mixer, and the 500 gallon B-K Mixer vent through a common vacuum pump. The mixers are used to mix silicone.

Emission Source/Control: DB401 - Process

Emission Source/Control: DD101 - Process

Emission Source/Control: DD201 - Process

Item 71.99(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BM3 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 225 gallon Day Mixer, the 500 gallon Day Mixer, and the 500 gallon B-K Mixer vent to a dust collector. The mixers are used to mix Silicone.

Emission Source/Control: DJ2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DB401 - Process

Emission Source/Control: DD101 - Process

Emission Source/Control: DD201 - Process

Item 71.100(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BM4 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 225 gallon Day Mixer, the 500 gallon Day Mixer, and the 500 gallon B-K Mixer vent to a dust collector.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DB401 - Process

Emission Source/Control: DD101 - Process

Emission Source/Control: DD201 - Process

Item 71.101(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BMA Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter south Drais Mixers, add stations vent through elephant trunks.

Emission Source/Control: DK103 - Process

Emission Source/Control: DK104 - Process

Emission Source/Control: DK107 - Process

Item 71.102(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BMD Source Classification Code: 3-01-026-99
Process Description:
Molding Compound Area Solids handling operations,

including dust collectors for grinding operations and exhaust hoods, blending and extruding, and bag slitting. Associated equipment includes mixers, extruders, grinders, and blenders.

Emission Source/Control: DH3C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DS2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DS3C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DH301 - Process

Emission Source/Control: DS201 - Process

Emission Source/Control: DS301 - Process

Item 71.103(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BMK Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing the 3000 liter north Drais Mixer knock-out pot vents through an elephant trunk.

Emission Source/Control: DK109 - Process

Item 71.104(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BMP Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing Various solids handling operations vent to a dust collector. Operations include bag dumping stations, dust hoods, and pallet loading.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DK005 - Process

Emission Source/Control: DK006 - Process

Emission Source/Control: DK007 - Process

Emission Source/Control: DK019 - Process

Item 71.105(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BMT Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Vents from two 450 gallon square totes for Building 30 RTV batch mixing.

Emission Source/Control: DE901 - Process

Emission Source/Control: DE902 - Process

Item 71.106(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BNA Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from weigh tank for various Chlorosilanes.

Emission Source/Control: BN101 - Process

Item 71.107(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BNB Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from hydrolyzer condenser vent from process kettle.

Emission Source/Control: BN201 - Process

Item 71.108(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BNC Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from a wash tank.

Emission Source/Control: BN501 - Process

Item 71.109(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BND Source Classification Code: 3-01-026-30
Process Description:
South resins. Under atmospheric conditions, emissions from a body kettle condenser. Emissions from the kettle can also go to a receiver vent.

Emission Source/Control: BN7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: BN701 - Process

Emission Source/Control: BN801 - Process

Item 71.110(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BNF Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from a filter aid kettle vent.

Emission Source/Control: BN901 - Process

Item 71.111(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BOA Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from a closed, stirred kettle used to make up a precoating slurry for the product filters.

Emission Source/Control: BO001 - Process

Item 71.112(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BOB Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from a blending kettle vessel vent.

Emission Source/Control: BO101 - Process

Item 71.113(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BQA Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from a weigh tank used for various Chlorosilanes.

Emission Source/Control: BQ101 - Process

Item 71.114(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BQB Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from a hydrolyzer condenser vent.

Emission Source/Control: BQ201 - Process

Item 71.115(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BQC Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from a stirred process kettle for resins and polymers.

Emission Source/Control: BQ501 - Process

Item 71.116(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BQD Source Classification Code: 3-01-026-30
Process Description:

East resins. Under atmospheric conditions, emissions from a body kettle condenser vent. Emissions from the kettle can also go to a receiver vent.

Emission Source/Control: BQ7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: BQ701 - Process

Emission Source/Control: BQ801 - Process

Item 71.117(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BQF Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from closed, agitated filter aid kettle.

Emission Source/Control: BQ901 - Process

Item 71.118(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BRA Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from a closed, stirred kettle used to make up a precoating slurry for the product filters

Emission Source/Control: BR001 - Process

Item 71.119(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BRB Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from a weigh tank for various Chlorosilanes..

Emission Source/Control: BR201 - Process

Item 71.120(From Mod 3):

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

Emission Unit: F-INISH
Process: BRV Source Classification Code: 3-01-026-30
Process Description:
Poly kettles. A mechanical vacuum system connected to a batch reactor.

Emission Source/Control: HI601 - Process

Item 71.121(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BTA Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from weigh tank for various Chlorosilanes.

Emission Source/Control: BT101 - Process

Item 71.122(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BTB Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from hydrolyzer condenser vent.

Emission Source/Control: BT201 - Process

Item 71.123(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BTC Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from a closed, stirred kettle used as a charge tank.

Emission Source/Control: BT401 - Process

Item 71.124(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: BTD Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from a body kettle condenser vent.

Emission Source/Control: BT7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: BT701 - Process

Item 71.125(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BTE Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from the west wash tank.

Emission Source/Control: BT501 - Process

Item 71.126(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUA Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the west body kettle.

Emission Source/Control: BU301 - Process

Item 71.127(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUB Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the east body kettle.

Emission Source/Control: BU302 - Process

Item 71.128(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUC Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the west batch hydrolyzer interface tank.

Emission Source/Control: BU303 - Process

Item 71.129(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUD Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the south wash tank.

Emission Source/Control: BU304 - Process

Item 71.130(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUE Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the #1 neutralizer.

Emission Source/Control: BU305 - Process

Item 71.131(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUF Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the #2 neutralizer.

Emission Source/Control: BU306 - Process

Item 71.132(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUG Source Classification Code: 3-01-026-99

Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the #3 neutralizer.

Emission Source/Control: BU307 - Process

Item 71.133(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUH Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the premix tank.

Emission Source/Control: BU308 - Process

Item 71.134(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUI Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the blend tank.

Emission Source/Control: BU309 - Process

Item 71.135(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUJ Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the south body kettle.

Emission Source/Control: BU310 - Process

Item 71.136(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUK Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the west hydrolyzer.

Emission Source/Control: BU311 - Process

Item 71.137(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUL Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the east hydrolyzer.

Emission Source/Control: BU312 - Process

Item 71.138(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUM Source Classification Code: 3-01-026-99
Process Description:
Continuous hydrolyzer. Insignificant emissions from the sampling and maintenance of the east wash tank.

Emission Source/Control: BU313 - Process

Item 71.139(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUN Source Classification Code: 3-01-026-30
Process Description:
South resins. Insignificant emissions from a blend kettle.

Emission Source/Control: BU101 - Process

Item 71.140(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BUO Source Classification Code: 3-01-026-30
Process Description:
South Resins - Insignificant emissions from a weigh tank for various Chlorosilanes.

Emission Source/Control: BU201 - Process

Item 71.141(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BVA Source Classification Code: 3-99-999-94
Process Description:
Continuous hydrolyzer. Insignificant emissions from continuous hydrolyzer interface tank 76-329 used for solution separation.

Emission Source/Control: BV301 - Process

Item 71.142(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BVS Source Classification Code: 3-99-999-94
Process Description:
Rubber Mixers Vacuum cleaning systems associated with the Rubber MIxer area.

Emission Source/Control: FO2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: FO202 - Process

Emission Source/Control: FO205 - Process

Item 71.143(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYA Source Classification Code: 3-01-070-02
Process Description:
Equilibrator, NV still, #8, #9, #10 FAKs. Insignificant emissions resulting from filter cleaning and maintenance.

Emission Source/Control: BY302 - Process

Item 71.144(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYB Source Classification Code: 4-90-001-99
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKS. Insignificant emissions from the precoat tank during sampling.

Emission Source/Control: CE801 - Process

Item 71.145(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYC Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKS. Insignificant emissions from sampling the NV still.

Emission Source/Control: CC801 - Process

Item 71.146(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYD Source Classification Code: 3-01-070-02
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKS. Insignificant emissions from sampling the #1 FAK.

Emission Source/Control: BY305 - Process

Item 71.147(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYE Source Classification Code: 3-01-070-02
Process Description:
Equilibrator, NV still, #8, #9, #10 faks. Insignificant emissions from sampling the west batch neutralizer.

Emission Source/Control: BY306 - Process

Item 71.148(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYF Source Classification Code: 3-01-070-02
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKS. Insignificant emissions from sampling the #2 hold tank.

Emission Source/Control: BY307 - Process

Item 71.149(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: BYG Source Classification Code: 3-01-070-02
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKS. Insignificant emissions from sampling the continuous hydrolyzer interface tank.

Emission Source/Control: BY308 - Process

Item 71.150(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CAA Source Classification Code: 3-01-840-01
Process Description:
Nickel kettle. Insignificant emissions from distillation receiver during receipt of product from the distillation condenser.

Emission Source/Control: CA101 - Process

Item 71.151(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CBL Source Classification Code: 3-01-026-30
Process Description:
CASH System - Breathing losses associated with the Methoxy recycle tank (MS-108), batch tank MS-110 and batch tank MS-109. These tanks are intermediate tanks and are equipped with conservation vents.

Emission Source/Control: HA6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HA6C3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA6C4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA6C5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA604 - Process

Emission Source/Control: HA605 - Process

Emission Source/Control: HA606 - Process

Item 71.152(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CCA Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the NV still during charging.

Emission Source/Control: CC801 - Process

Item 71.153(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CCB Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the #8 FAK during material charging.

Emission Source/Control: CC901 - Process

Item 71.154(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CCC Source Classification Code: 3-01-070-02
Process Description:
568 tank. Working losses from the siloxane storage tank. Tank is under pad/depad.

Emission Source/Control: CC601 - Process

Item 71.155(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CCD Source Classification Code: 3-01-026-30
Process Description:
East resins. Insignificant emissions from the batch neutralizer during charging and purging.

Emission Source/Control: CC701 - Process

Item 71.156(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CDA Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the equilibrator during material charging.

Emission Source/Control: CD001 - Process

Item 71.157(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CDB Source Classification Code: 3-01-026-30
Process Description:
West resins. Insignificant emissions from batch fluid hydrolysis silane weigh tank.

Emission Source/Control: CD601 - Process

Item 71.158(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CEA Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the NV Still receiver during distillation.

Emission Source/Control: CE701 - Process

Item 71.159(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CEB Source Classification Code: 4-90-001-99
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the #8 Precoat Tank.

Emission Source/Control: CE801 - Process

Item 71.160(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CEC Source Classification Code: 3-01-070-02
Process Description:
Continuous Hydrolyzer. Working losses from the Siloxane Storage Tank. Tank is under pad/depad.

Emission Source/Control: CE201 - Process

Item 71.161(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CED Source Classification Code: 3-01-026-30
Process Description: South Resins. Insignificant emissions from #1 FAK.

Emission Source/Control: CE401 - Process

Item 71.162(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CEE Source Classification Code: 3-01-070-02
Process Description:
South Resins. Insignificant emissions from a precoat tank.

Emission Source/Control: CE501 - Process

Item 71.163(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFA Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the #9 FAK during material charging.

Emission Source/Control: CF201 - Process

Item 71.164(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFB Source Classification Code: 3-01-840-01

Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the #10 FAK during material charging. South Resins. Insignificant emissions from a weigh tank for various Chlorosilanes.

Emission Source/Control: CF301 - Process

Item 71.165(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFC Source Classification Code: 4-04-004-97
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the #10 FAK during material charging. South Resins. Insignificant emissions from a weigh tank for various Chlorosilanes.

Emission Source/Control: CF501 - Process

Item 71.166(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFD Source Classification Code: 3-01-840-01
Process Description:
Equilibrator, NV Still, #8, #9, #10 FAKs. Insignificant emissions from the equilibrator weigh tank during material charging.

Emission Source/Control: CF401 - Process

Item 71.167(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFE Source Classification Code: 3-99-999-94
Process Description:
Continuous hydrolyzer. Insignificant emissions from the process tank 40-567.

Emission Source/Control: CF601 - Process

Item 71.168(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFF Source Classification Code: 3-99-999-94
Process Description:
Continuous hydrolyzer. Insignificant emissions from purge
on filter aid kettle.

Emission Source/Control: CF701 - Process

Item 71.169(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFG Source Classification Code: 3-99-999-94
Process Description:
Continuous hydrolyzer. Insignificant emissions from purge
on product holding tank #1.

Emission Source/Control: CF801 - Process

Item 71.170(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFH Source Classification Code: 3-99-999-94
Process Description:
Continuous hydrolyzer. Insignificant emissions from purge
on product holding tank #2.

Emission Source/Control: CF901 - Process

Item 71.171(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CFM Source Classification Code: 3-05-102-99
Process Description:
Treater filler kettles - caulker filling machine uses a
small pressure vessel to fill caulkers with sealant.

Emission Source/Control: HO1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HO103 - Process

Emission Source/Control: HO104 - Process

Emission Source/Control: HO106 - Process

Item 71.172(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CGG Source Classification Code: 3-01-070-02
Process Description:
MQ resins. Insignificant emissions from an 800 gallon acid tank.

Emission Source/Control: CG001 - Process

Item 71.173(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CHR Source Classification Code: 3-01-026-30
Process Description:
East and west systems - process equipment used for special Chlorosilane hydrolysis reactions. Equipment includes hydrolyzers, condensers, filter aid kettles, blend tanks, precoat tanks, hot wells, and receivers.

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA101 - Process

Emission Source/Control: HA102 - Process

Emission Source/Control: HA103 - Process

Emission Source/Control: HA104 - Process

Emission Source/Control: HA107 - Process

Emission Source/Control: HA108 - Process

Emission Source/Control: HA109 - Process

Emission Source/Control: HA110 - Process

Emission Source/Control: HA111 - Process

Emission Source/Control: HA112 - Process

Emission Source/Control: HA114 - Process

Emission Source/Control: HA115 - Process

Emission Source/Control: HA116 - Process

Emission Source/Control: HA117 - Process

Emission Source/Control: HA123 - Process

Item 71.174(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CRX Source Classification Code: 3-01-026-30
Process Description:
CASH System - The CASH process is a continuous and simultanious reaction/distillation process. The sysem is best described as a continuous batch operation. This process consists of the MR-104 reactor producting different grades and solvent cleanouts.

Emission Source/Control: HA6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HA607 - Process

Item 71.175(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CTW Source Classification Code: 3-01-026-30
Process Description:
CASH System - The CASH process is a continuous and simultaneous reaction/distillation process. The system is best described as a continuous batch operation. This process consists of the process scrap tanks associated with the CASH system.

Emission Source/Control: HA6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HA602 - Process

Emission Source/Control: HA603 - Process

Item 71.176(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: CWL Source Classification Code: 3-01-026-30
Process Description:
CASH System - Working losses associated with the Methoxy recycle tank (MS-108), batch tank MS-101 and batch tank MS-109. These tanks are intermediate tanks which are used to hold product or off-spec material prior to being transferred to another process or tank.

Emission Source/Control: HA6C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HA6C3 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA6C4 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA6C5 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA604 - Process

Emission Source/Control: HA605 - Process

Emission Source/Control: HA606 - Process

Item 71.177(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DAA Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles and insignificant emissions from polymer kettle #4 (PK-4) used to process different Silicone compounds.

Emission Source/Control: DA401 - Process

Item 71.178(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DAB Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles and insignificant emissions from polymer

kettle #6 (PK-6) used to process different Silicone compounds.

Emission Source/Control: DA601 - Process

Item 71.179(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DAC Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles and insignificant emissions from polymer kettles #7 (PK-7) used to process different Silicone compounds.

Emission Source/Control: DA701 - Process

Item 71.180(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DAD Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles and insignificant emissions from polymer kettle #8 (PK-8) used to process polymer.

Emission Source/Control: DA801 - Process

Item 71.181(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DAE Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles and insignificant emissions from polymer kettle #8 (PK-8) used to process polymer.

Emission Source/Control: DA801 - Process

Item 71.182(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DBB Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Insignificant emissions from Flanders Gel Tote.

Emission Source/Control: DB501 - Process

Item 71.183(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DBC Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and insignificant emissions from ejector condensate coalescer system.

Emission Source/Control: DB201 - Process

Item 71.184(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCA Source Classification Code: 3-01-070-02
Process Description:
Batch mixing and insignificant emissions from working losses from polymer storage tanks (grade 88679) under pressure.

Emission Source/Control: DC001 - Process

Item 71.185(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCB Source Classification Code: 3-01-070-02
Process Description:
Batch mixing and insignificant emissions from working losses from polymer storage tank (grade 88184) under pressure.

Emission Source/Control: DC101 - Process

Item 71.186(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCC Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and insignificant emissions from a reactor that passes through a receiver and a three stage jet scrubber (PK #4).

Emission Source/Control: DC401 - Process

Item 71.187(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCD Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and insignificant emissions from a reactor that passes through a receiver and a three stage jet scrubber (PK #6).

Emission Source/Control: DC601 - Process

Item 71.188(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCE Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles (polyhouse). Insignificant emissions from a reactor that passes through a receiver and a scrubber (PK #7).

Emission Source/Control: DC701 - Process

Item 71.189(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCF Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and insignificant emissions from a reactor that passes through a receiver and a three stage jet scrubber (PK #8).

Emission Source/Control: DC801 - Process

Item 71.190(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DCR Source Classification Code: 3-01-026-30
Process Description:
MQ Resins. The process is distillation of an acidic aqueous salty solution.

Emission Source/Control: BJ7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: BJ701 - Process

Item 71.191(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DDS Source Classification Code: 3-01-018-47
Process Description:
Drumming Stations - Drumming stations for the 2M and 4M dispersion kettles.

Emission Source/Control: EV704 - Process

Emission Source/Control: EV705 - Process

Item 71.192(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DEA Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Insignificant emissions from Flanders Gel Tote.

Emission Source/Control: DE201 - Process

Item 71.193(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DEB Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles (polyhouse). Insignificant emissions during and after transfer of material to the polyhouse light-ends tank.

Emission Source/Control: DE301 - Process

Item 71.194(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: DEC Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and insignificant emissions from
horizontal tank 505W used to collect intemediate samples.

Emission Source/Control: DE501 - Process

Item 71.195(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DED Source Classification Code: 3-99-999-99
Process Description:
Lab waste storage. Insignificant emissions from the
storage of laboratory waste.

Emission Source/Control: DE701 - Process

Item 71.196(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DEG Source Classification Code: 4-01-002-99
Process Description:
Maintenance shops - Cold cleaning solvent degreasing
units that use a petroleum distillate solvent.

Emission Source/Control: BA101 - Process

Emission Source/Control: CQ201 - Process

Emission Source/Control: CS901 - Process

Emission Source/Control: CV201 - Process

Emission Source/Control: CY101 - Process

Emission Source/Control: CY201 - Process

Emission Source/Control: GA201 - Process

Emission Source/Control: GA301 - Process

Emission Source/Control: HT401 - Process

Emission Source/Control: HT901 - Process

Emission Source/Control: ID301 - Process

Item 71.197(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DFP Source Classification Code: 3-99-999-94
Process Description:
Filter Press - Fluid blend filter press for the 2M and 4M Dispersion systems.

Emission Source/Control: EV703 - Process

Item 71.198(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DG1 Source Classification Code: 3-01-026-30
Process Description:
Doughmixer area - doughmixers #3,5,6,7,8, and 9 vent to a hood. The doughmixers are batch mixers used in the production of various products.

Emission Source/Control: DM601 - Process

Emission Source/Control: DM701 - Process

Emission Source/Control: DM801 - Process

Emission Source/Control: DM901 - Process

Emission Source/Control: DN601 - Process

Emission Source/Control: DN701 - Process

Item 71.199(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DG2 Source Classification Code: 3-01-026-30
Process Description:
Doughmixer area - doughmixers #5,6,7,8, and 9 vent to a condenser and a receiver vent. The doughmixers are batch mixers used in the production of various products.

Emission Source/Control: DM9C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.

CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DN7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ0C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ2C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ4C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DM701 - Process

Emission Source/Control: DM801 - Process

Emission Source/Control: DM901 - Process

Emission Source/Control: DN601 - Process

Emission Source/Control: DN701 - Process

Item 71.200(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKA Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing Insignificant emissions from flammable drum pump purging.

Emission Source/Control: DK201 - Process

Item 71.201(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKB Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing Insignificant emissions from the 3000 liter north Drais mixer flammable drum pump purging operation.

Emission Source/Control: DK202 - Process

Item 71.202(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKC Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing Insignificant emissions from the 3000 liter south Drais mixer flammable drum pump purging operation.

Emission Source/Control: DK203 - Process

Item 71.203(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKD Source Classification Code: 4-01-002-98
Process Description:
Batch Mixing Insignificant emissions from the liquid and flammable kitting room flammable drum pump purging.

Emission Source/Control: DK401 - Process

Item 71.204(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKE Source Classification Code: 4-01-002-98
Process Description:
Batch Mixing Insignificant emissions from liquid and flammable kitting room large transfer station exhaust hood.

Emission Source/Control: DK402 - Process

Item 71.205(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKF Source Classification Code: 4-01-002-98
Process Description:
Batch Mixing Insignificant emissions from liquid and flammable kitting room small transfer station hood.

Emission Source/Control: DK403 - Process

Item 71.206(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKG Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Insignificant emissions generated during heat-up and transfer of Thermalene heat transfer fluid.

Emission Source/Control: DK501 - Process

Item 71.207(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKH Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Insignificant emissions during heat-up and transfer of thermalene heat transfer fluid.

Emission Source/Control: DK502 - Process

Item 71.208(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DKI Source Classification Code: 3-01-070-02
Process Description:
Batch Mixing Insignificant emissions from ethylene glycol process tank. Ethylene Glycol is circulated in a closed loop system.

Emission Source/Control: DK801 - Process

Item 71.209(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DLA Source Classification Code: 3-99-999-94
Process Description: Batch Mixing Insignificant emissions from a fan.

Emission Source/Control: DL001 - Process

Item 71.210(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM1 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter south Drais MIxers venth through a vacuum system and condensers to a wet scrubber for all parts of the vixing process other than pressure decrease steps.

Emission Source/Control: DK6C1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK6C2 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK7C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: DK701 - Process

Emission Source/Control: DK702 - Process

Emission Source/Control: DK703 - Process

Item 71.211(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM2 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter south Drais Mixers vent through a vacuum system and condensers during pressure decrease steps.

Emission Source/Control: DK6C1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK6C2 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK701 - Process

Emission Source/Control: DK702 - Process

Emission Source/Control: DK703 - Process

Item 71.212(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM3 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter south Drais Mixers venth through elephant trunks. The elephant trunks pick up from the mixer tops.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DK701 - Process

Emission Source/Control: DK702 - Process

Emission Source/Control: DK703 - Process

Item 71.213(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM4 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 600 liter Drair Mixer vents to a dust collector during filler charges.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DK702 - Process

Item 71.214(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM5 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 3000 liter north and the 3000 liter south Drais mixers vent to venturi scrubbers during filler charges.

Emission Source/Control: DL1C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: DL1C2 - Control
Control Type: WET SCRUBBER

Emission Source/Control: DK701 - Process

Emission Source/Control: DK703 - Process

Item 71.215(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM6 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter south Drais Mixers vent through condesers during pressure decrease steps.

Emission Source/Control: DK6C1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK6C2 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK702 - Process

Emission Source/Control: DK703 - Process

Item 71.216(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DM7 Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing The 630 liter, the 3000 liter north, and the 3000 liter sourth Drais Mixers venth through condensers to a wer scrubber for all parts of the mixing process other than pressure decrease steps.

Emission Source/Control: DK6C1 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK6C2 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: DK7C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: DK702 - Process

Emission Source/Control: DK703 - Process

Item 71.217(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DPA Source Classification Code: 3-01-026-30
Process Description:
Tetramer Tank Insignificant emissions from Tetramer process tank under nitrogen purge.

Emission Source/Control: DP001 - Process

Item 71.218(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DPB Source Classification Code: 3-01-070-02
Process Description:
HMDZ Process Tank for TFKs Insignificant emissions from Hexamethyl Disilizane (HMDZ) process tank under Nitrogen purge.

Emission Source/Control: DP301 - Process

Item 71.219(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DPC Source Classification Code: 3-01-070-02
Process Description:
Doughmixer Area Insignificant emissions from catalyst process weigh tank.

Emission Source/Control: DP601 - Process

Item 71.220(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQA Source Classification Code: 3-99-999-94
Process Description:
TFK Weigh Hopper Insignificant emissions from TFK weigh hopper.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ606 - Process

Item 71.221(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQB Source Classification Code: 3-99-999-94
Process Description:
TFK Weigh Hopper Insignificant emissions from TFK weigh hopper.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ607 - Process

Item 71.222(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQC Source Classification Code: 3-99-999-94
Process Description:
TFK Weigh Hopper Insignificant emissions from TFK weigh hopper.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ608 - Process

Item 71.223(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQD Source Classification Code: 3-99-999-94
Process Description:
TFK Weigh Hopper Insignificant emissions from TFK weigh hopper.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ609 - Process

Item 71.224(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQE Source Classification Code: 3-99-999-94
Process Description:
TFK weigh hopper. Insignificant emissions from TFK weigh hopper.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ610 - Process

Item 71.225(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQG Source Classification Code: 3-99-999-94
Process Description:
Treater Filler Kettle - Filler Charging Insignificant emissions from treater filler kettle charging procedures are sent to a dust collector.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ612 - Process

Item 71.226(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DQH Source Classification Code: 3-99-999-94
Process Description:
Treater Filler Kettle - Filler Charging Insignificant emissions from treater filler kettle filler charging procedures are sent to a dust collector.

Emission Source/Control: DQ6C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DQ613 - Process

Item 71.227(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DRM Source Classification Code: 3-99-999-94

Process Description:
Sealants - Insignificant emissions from the drumming of sealants.

Emission Source/Control: HV401 - Process

Emission Source/Control: HV402 - Process

Emission Source/Control: HV403 - Process

Item 71.228(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DSH Source Classification Code: 3-01-070-02
Process Description:
Fluorosilicone Cracker. Emissions from a drum filling station fume exhaust hood.

Emission Source/Control: HH301 - Process

Item 71.229(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DUA Source Classification Code: 3-99-999-94
Process Description:
WP-2 Extruders. This process consists of two sources. One source is an exhaust fan which removes vapors from a drum unloading area., and the other is a vacuum pump which pulls vacuum on a process system.

Emission Source/Control: HO401 - Process

Emission Source/Control: HQ301 - Process

Item 71.230(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DVS Source Classification Code: 3-99-999-94
Process Description:
Doughmixer Area The Doughmixer vacuum cleaning system is equipped with a fabric filter and is used to remove spilled filler material from the floor of Building 30.

Emission Source/Control: DP801 - Process

Item 71.231(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWA Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from working losses of siloxane storage tank.

Emission Source/Control: DW101 - Process

Item 71.232(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWB Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from stankding storage losses of siloxane storage tank.

Emission Source/Control: DW101 - Process

Item 71.233(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWC Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from working losses of siloxane storage tank.

Emission Source/Control: DW301 - Process

Item 71.234(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWD Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from stankding storage losses of siloxane storage tank.

Emission Source/Control: DW301 - Process

Item 71.235(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWE Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from working losses of siloxane storage tank.

Emission Source/Control: DW401 - Process

Item 71.236(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWF Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from standing storage losses of siloxane storage tank.

Emission Source/Control: DW401 - Process

Item 71.237(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWG Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder/WP-4 Extruder Insignificant emissions from working losses of siloxane storage tank.

Emission Source/Control: DW501 - Process

Item 71.238(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWH Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder/WP-4 Extruder Insignificant emissions from stankding storage losses of Siloxane storage tank.

Emission Source/Control: DW501 - Process

Item 71.239(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWI Source Classification Code: 3-01-070-02

Process Description:
WP-1 Extruder Insignificant emissions from working losses of Siloxane storage tank.

Emission Source/Control: DW601 - Process

Item 71.240(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DWJ Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Insignificant emissions from standing storage losses of Siloxane storage tank.

Emission Source/Control: DW601 - Process

Item 71.241(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EDT Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and ejector condensate solvent decanter tank for polymer kettles

Emission Source/Control: DP501 - Process

Item 71.242(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EHA Source Classification Code: 3-01-026-30
Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from working losses from 10,000 gallon product storage tank under pad/depad.

Emission Source/Control: EH101 - Process

Item 71.243(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EL2 Source Classification Code: 3-99-999-99
Process Description:
Elephant trunk 2 for 100 column. This process consists of

elephant trunk 2 for the 100 column.

Emission Source/Control: EV201 - Process

Item 71.244(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ELA Source Classification Code: 4-90-001-99
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant emissions from a dryer fed with wet Phenyl Tetramer.

Emission Source/Control: EL501 - Process

Item 71.245(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EMA Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from a mechanical vacuum system serving two evaporators-this being a thin film evaporator (LUWA).

Emission Source/Control: EM901 - Process

Item 71.246(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EMB Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from a mechanical vacuum system serving two evaporators-this being a cyclone evaporator (EPU-APV).

Emission Source/Control: FB101 - Process

Item 71.247(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EMC Source Classification Code: 3-01-026-30
Process Description:
Rodney Hunt Stripper. Insignificant emissions from the Rodney-Hunt Evaporator.

Emission Source/Control: EM301 - Process

Item 71.248(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EMD Source Classification Code: 3-01-026-30
Process Description:
Rodney Hunt Stripper. Insignificant emissions from hot well.

Emission Source/Control: EM306 - Process

Item 71.249(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EME Source Classification Code: 3-99-999-99
Process Description:
2M Hydro Blend Kettle. Insignificant emissions from the 2M hydrolyzer stirred, closed blend kettle.

Emission Source/Control: EM201 - Process

Item 71.250(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ENA Source Classification Code: 3-01-026-30
Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from 2000-gallon vessel used to collect polymer from the continuous polymerization system.

Emission Source/Control: EN301 - Process

Item 71.251(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ENB Source Classification Code: 4-07-999-98
Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from working losses from storage tank 80-531-00.

Emission Source/Control: EN701 - Process

Item 71.252(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ENC Source Classification Code: 4-07-999-97
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane Storage Tank 80-531-00.

Emission Source/Control: EN701 - Process

Item 71.253(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: END Source Classification Code: 3-01-026-30
Process Description:
2M hydrolyzer system. This process includes emissions from a 2000 gallon hydrolyzer.

Emission Source/Control: EN201 - Process

Item 71.254(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EOA Source Classification Code: 3-01-070-02
Process Description:
Tank/Wagon Transfer - Insignificant emissions from tank wagon transfer to tanks 48-534-01 and 02 for storage.

Emission Source/Control: EO601 - Process

Item 71.255(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EOB Source Classification Code: 3-01-070-02
Process Description:
1500 Phenyl Reactor (Diol & Tetramer). Insignificant emissions from working losses from product storage tank 47-526 under pad/depad.

Emission Source/Control: EO201 - Process

Item 71.256(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EPA Source Classification Code: 4-07-999-98
Process Description:
1500 Phenyl Reactor (Diol & Tetramer). Insignificant emissions from Phenyl Tetramer surge tank.

Emission Source/Control: EP801 - Process

Item 71.257(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EPB Source Classification Code: 3-01-018-47
Process Description:
1500 PUFA. Insignificant emissions from 1500 PUFA charge port.

Emission Source/Control: EP201 - Process

Item 71.258(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EPC Source Classification Code: 3-01-070-02
Process Description:
1500 PUFA. Insignificant emissions from 1500 PUFA south receiver.

Emission Source/Control: EV502 - Process

Item 71.259(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EPD Source Classification Code: 3-01-070-02
Process Description:
1500 PUFA. Insignificant emissions from knock-out tank located in vacuum line between the 1500 PUFA reactor system and ejector system.

Emission Source/Control: EP501 - Process

Item 71.260(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EQA Source Classification Code: 3-99-999-94
Process Description:
Group 1, 300 GP kettle. The 300 general kettle system produces small batches of fluids for pressure-sensitive adhesives and other Silicone-based products.

Emission Source/Control: EQ601 - Process

Item 71.261(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EQB Source Classification Code: 3-01-070-02
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant emissions from Diol surge tank.

Emission Source/Control: EQ001 - Process

Item 71.262(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EQD Source Classification Code: 3-01-070-02
Process Description:
1500 PUFA. Insignificant emissions from 1500 gallon PUFA weigh tank (#47-518).

Emission Source/Control: EQ101 - Process

Item 71.263(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EQQ Source Classification Code: 3-99-999-94
Process Description:
1000 gal & FAK equilibrators. This process consists of a 1000 gal equilibrator with an associated distillation column and another 1000 gal FAK equilibrator.

Emission Source/Control: EL901 - Process

Emission Source/Control: EL903 - Process

Item 71.264(From Mod 3):

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

Emission Unit: F-INISH
Process: ERA Source Classification Code: 3-99-999-94
Process Description:
Group 1, 3000 FAK. Trace emissions vented during charging to the 3000 FAK. The 3000 FAK system batch processes pressure-sensitive adhesives and other silicone-based products.

Emission Source/Control: ER001 - Process

Item 71.265(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERB Source Classification Code: 3-99-999-99
Process Description: Materials blended in kettles

Emission Source/Control: BR101 - Process

Item 71.266(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERC Source Classification Code: 3-99-999-94
Process Description:
Group 1, 300 GP kettle. The 300 general kettle system produces small batches of fluids for pressure-sensitive adhesives and other Silicone-based products.

Emission Source/Control: ER101 - Process

Item 71.267(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERD Source Classification Code: 3-99-999-94
Process Description:
100 column 513A receiver. Insignificant emissions from the 100 distillation column 513A receiver.

Emission Source/Control: ER701 - Process

Item 71.268(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERE Source Classification Code: 3-99-999-94
Process Description:
100 column 514 receiver. Insignificant emissions from the
100 distillation column 514 receiver.

Emission Source/Control: ER801 - Process

Item 71.269(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERF Source Classification Code: 3-99-999-94
Process Description:
100 column 513C receiver. Insignificant emissions from
the 100 distillation column 513C receiver.

Emission Source/Control: ER901 - Process

Item 71.270(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERG Source Classification Code: 3-99-999-94
Process Description:
100 column 513D receiver. Insignificant emissions from
the 100 distillation column 513D receiver.

Emission Source/Control: ES001 - Process

Item 71.271(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ERH Source Classification Code: 3-99-999-94
Process Description:
100 column 513B receiver. Insignificant emissions from
the 100 distillation column 513B receiver.

Emission Source/Control: ES101 - Process

Item 71.272(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ESD Source Classification Code: 3-05-102-99
Process Description:

East System - This dust collector unit accepts emissions from the loading of two charging hoppers. The Dust Collector system consists of two charging hoppers, the product/air conveyance ducts, and the dust collector.

Emission Source/Control: HA4C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HA401 - Process

Item 71.273(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ESH Source Classification Code: 3-01-026-30
Process Description:
East and south hydrolyzers. Emissions from the east and south hydrolyzers that vent to water scrubbers that discharge to the chem sewers.

Emission Source/Control: CG4C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CG5C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CG401 - Process

Emission Source/Control: CG501 - Process

Item 71.274(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ESV Source Classification Code: 3-01-070-02
Process Description:
East Sytem - This process consists of the East System Flter Press.

Emission Source/Control: HD301 - Process

Item 71.275(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVA Source Classification Code: 3-01-018-47
Process Description:

Insignificant emissions from north emulsion premix tank.

Emission Source/Control: EV401 - Process

Item 71.276(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVB Source Classification Code: 3-01-018-47
Process Description: Insignificant emissions from south premix tank.

Emission Source/Control: EV402 - Process

Item 71.277(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVC Source Classification Code: 3-01-018-47
Process Description:
Insignificant emissions from north emulsion blend tank

Emission Source/Control: EV403 - Process

Item 71.278(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVD Source Classification Code: 3-01-018-47
Process Description:
Insignificant emissions from south emulsions blend tank

Emission Source/Control: EV404 - Process

Item 71.279(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVE Source Classification Code: 3-01-018-47
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant
emissions from the crystallizer.

Emission Source/Control: EV101 - Process

Item 71.280(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVF Source Classification Code: 3-01-018-47
Process Description:
1500 Phenyl Reactor (Diol & Tetramer). Insignificant emissions from the Phenyl Tetramer system centrifuge.

Emission Source/Control: EV103 - Process

Item 71.281(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVG Source Classification Code: 3-01-018-47
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant emissions from the 2000 gallon hydrolyzer (precoat tank).

Emission Source/Control: EV104 - Process

Item 71.282(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVH Source Classification Code: 3-01-018-47
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant emissions from the Phenyl Tetramer hopper (off dryer).

Emission Source/Control: EV105 - Process

Item 71.283(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVI Source Classification Code: 3-99-999-94
Process Description:
1500 Phenyl reactor (Diol & Tetramer). Insignificant emissions from a hopper that vents during transfer of cellite.

Emission Source/Control: EV106 - Process

Item 71.284(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVJ Source Classification Code: 3-01-018-47

Process Description:
1500 PUFA. Insignificant emissions from fluid slurry tank charge port.

Emission Source/Control: EV501 - Process

Item 71.285(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVK Source Classification Code: 3-01-018-47
Process Description:
1500 PUFA. Insignificant emissions from 1500 PUFA receiver when man-hole is open.

Emission Source/Control: EV502 - Process

Item 71.286(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EVS Source Classification Code: 3-01-070-02
Process Description:
Polymer kettles and ejector system vents for polymer kettles 1, 2, 3 and 5.

Emission Source/Control: DB101 - Process

Emission Source/Control: DC201 - Process

Emission Source/Control: DC301 - Process

Emission Source/Control: DC501 - Process

Item 71.287(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EWB Source Classification Code: 3-01-070-02
Process Description:
East and West Systems - Standing losses from atmospheric storage tanks. The storage tanks are used to hold Silicon Tetrachloride and Phenyltrichlorosilane.

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA105 - Process

Item 71.288(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EWL Source Classification Code: 3-01-070-02
Process Description:
East and West Systems - Working lossed from Methyl and Hexyl Trichlorosilane storage tanks. The tanks are under a Nitrogen pad/depad system.

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA124 - Process

Emission Source/Control: HA125 - Process

Item 71.289(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EWW Source Classification Code: 3-01-070-02
Process Description:
East and West Systems - Working losses from atmospheric storage tanks. The tanks are used to store Silicon Tetrachloride and Phenyltrichlorosilane.

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA105 - Process

Item 71.290(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EXA Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsions system 50-305

Emission Source/Control: EX601 - Process

Item 71.291(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EXB Source Classification Code: 3-01-070-02
Process Description:
4000 PUFA. Insignificant emissions from PUFA slurry tank 47-309.

Emission Source/Control: EX301 - Process

Item 71.292(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EYA Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsion system tank 50-306

Emission Source/Control: EY501 - Process

Item 71.293(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EYB Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsion systems tank 50-307

Emission Source/Control: EY901 - Process

Item 71.294(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EYC Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsion systems tank 50-308

Emission Source/Control: EY701 - Process

Item 71.295(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EYD Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsion systems tank 50-503

Emission Source/Control: EY801 - Process

Item 71.296(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: EYE Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from emulsion systems tank 50-509

Emission Source/Control: EY901 - Process

Item 71.297(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FAH Source Classification Code: 3-01-070-02
Process Description:
MQ Resins. Various filter aids are added to a hopper for subsequent addition to a filter precoat tank.

Emission Source/Control: BJ001 - Process

Item 71.298(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBA Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from a fitrol addition slurry tank.

Emission Source/Control: FB301 - Process

Item 71.299(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBC Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 41-501.

Emission Source/Control: FB701 - Process

Item 71.300(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBD Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane storage tank 41-501.

Emission Source/Control: FB701 - Process

Item 71.301(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBE Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-514-01.

Emission Source/Control: FB901 - Process

Item 71.302(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBF Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from siloxane storage tank 48-514-01.

Emission Source/Control: FB901 - Process

Item 71.303(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBG Source Classification Code: 3-01-999-99
Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from vacuum jet ejectors. Vacuum stripping of polymers produced in the CPU.

Emission Source/Control: FB101 - Process

Item 71.304(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBH Source Classification Code: 3-01-999-99

Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from vacuum jet ejectors. Vacuum stripping of polymers produced in the NPK.

Emission Source/Control: EO301 - Process

Item 71.305(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FBI Source Classification Code: 3-01-070-02
Process Description:
Continuous polymerization unit (CPU). Insignificant emissions from ejector jet knock-out tank.

Emission Source/Control: EY201 - Process

Item 71.306(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCA Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-515-01.

Emission Source/Control: FC001 - Process

Item 71.307(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCB Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from siloxane storage tank 48-515-01.

Emission Source/Control: FC001 - Process

Item 71.308(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCC Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working

losses from Siloxane storage tank 48-514-02.

Emission Source/Control: FC701 - Process

Item 71.309(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCD Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane storage tank 48-514-02.

Emission Source/Control: FC701 - Process

Item 71.310(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCE Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-514-03.

Emission Source/Control: FC801 - Process

Item 71.311(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCF Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from siloxane storage tank 48-514-03.

Emission Source/Control: FC801 - Process

Item 71.312(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCG Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-514-04.

Emission Source/Control: FC901 - Process

Item 71.313(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCH Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane storage tank 48-514-04.

Emission Source/Control: FC901 - Process

Item 71.314(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCI Source Classification Code: 3-01-070-02
Process Description:
Artisan evaporator, stripper. Insignificant emissions from Artisan stripper blend tank 47-302.

Emission Source/Control: FC101 - Process

Item 71.315(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FCS Source Classification Code: 3-99-999-94
Process Description:
Filter Cleaning Station for the 2M and 4M Dispersion Systems.

Emission Source/Control: EQ501 - Process

Item 71.316(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDA Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-515-02.

Emission Source/Control: FD001 - Process

Item 71.317(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDB Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane storage tank 48-515-02.

Emission Source/Control: FD001 - Process

Item 71.318(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDC Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from Siloxane storage tank 48-515-03.

Emission Source/Control: FD101 - Process

Item 71.319(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDE Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from Siloxane storage tank 48-515-03.

Emission Source/Control: FD101 - Process

Item 71.320(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDF Source Classification Code: 4-07-036-16
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from SF96-350 storage tank number 41-599-010.

Emission Source/Control: FD201 - Process

Item 71.321(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDG Source Classification Code: 4-07-036-17

Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from SF96-350 storage tank number 41-599-010.

Emission Source/Control: FD201 - Process

Item 71.322(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDH Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank for 81798.

Emission Source/Control: FD901 - Process

Item 71.323(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FDI Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank for 81798.

Emission Source/Control: FD901 - Process

Item 71.324(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEA Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 41-599-009.

Emission Source/Control: FE501 - Process

Item 71.325(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEB Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing

storage losses from storage tank 41-599-009.

Emission Source/Control: FE501 - Process

Item 71.326(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEC Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-539-001.

Emission Source/Control: FE601 - Process

Item 71.327(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FED Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-539-001.

Emission Source/Control: FE601 - Process

Item 71.328(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEE Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-539-002.

Emission Source/Control: FE701 - Process

Item 71.329(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEG Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-539-002.

Emission Source/Control: FE701 - Process

Item 71.330(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEH Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-539-003.

Emission Source/Control: FE801 - Process

Item 71.331(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEI Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-539-003.

Emission Source/Control: FE801 - Process

Item 71.332(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEJ Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-539-004.

Emission Source/Control: FE901 - Process

Item 71.333(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FEK Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-539-004.

Emission Source/Control: FE901 - Process

Item 71.334(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFA Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 50-506A.

Emission Source/Control: FF001 - Process

Item 71.335(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFB Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing losses from storage tank 50-506A.

Emission Source/Control: FF001 - Process

Item 71.336(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFC Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-517-01.

Emission Source/Control: FF101 - Process

Item 71.337(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFD Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-517-01.

Emission Source/Control: FF101 - Process

Item 71.338(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFE Source Classification Code: 3-01-026-30

Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-517-02.

Emission Source/Control: FF201 - Process

Item 71.339(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFF Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-517-02.

Emission Source/Control: FF201 - Process

Item 71.340(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFG Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-517-03.

Emission Source/Control: FF301 - Process

Item 71.341(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFH Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from siloxane storage tank 48-517-03.

Emission Source/Control: FF301 - Process

Item 71.342(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFI Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-517-04.

Emission Source/Control: FF401 - Process

Item 71.343(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFJ Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-517-04.

Emission Source/Control: FF401 - Process

Item 71.344(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFK Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-522-01.

Emission Source/Control: FF501 - Process

Item 71.345(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFL Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-522-01.

Emission Source/Control: FF501 - Process

Item 71.346(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFM Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-306-00.

Emission Source/Control: FF601 - Process

Item 71.347(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFN Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-306-00.

Emission Source/Control: FF601 - Process

Item 71.348(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFO Source Classification Code: 3-01-026-30
Process Description:
Dimethyl fluids. Insignificant emissions from working losses from storage tank 48-529-00.

Emission Source/Control: FF701 - Process

Item 71.349(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFP Source Classification Code: 3-01-070-02
Process Description:
Dimethyl fluids. Insignificant emissions from standing storage losses from storage tank 48-529-00.

Emission Source/Control: FF701 - Process

Item 71.350(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFQ Source Classification Code: 3-99-999-99
Process Description:
NPK receiver. Insignificant emissions from the NPK receiver.

Emission Source/Control: FF901 - Process

Item 71.351(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FFR Source Classification Code: 3-01-018-47
Process Description:
Eductor system. Insignificant emissions from the Phenyl Tetramer eductor system.

Emission Source/Control: FF801 - Process

Item 71.352(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FGA Source Classification Code: 3-01-070-02
Process Description:
Artisan evaporator, stripper. Insignificant emissions from working losses from product storage tank 41-599-014 under pad/depad.

Emission Source/Control: FG802 - Process

Item 71.353(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FGG Source Classification Code: 3-01-070-02
Process Description:
Artisan scrubber. Insignificant emissions from the artisan scrubber system.

Emission Source/Control: FG101 - Process

Item 71.354(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FHC Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone cracker. Insignificant emissions from Fluorosilicone hydrolyzate being converted to Fluorosilicone in the cracker.

Emission Source/Control: HH101 - Process

Item 71.355(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: FK1 Source Classification Code: 3-01-070-02
Process Description:
Filter aid kettles. This process represents the material charging and receiving steps of the filter aid kettles.

Emission Source/Control: BT901 - Process

Emission Source/Control: BY201 - Process

Emission Source/Control: BY401 - Process

Item 71.356(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FK2 Source Classification Code: 3-01-026-99
Process Description:
Filter aid kettles. This process represents the sampling steps of the filter aid kettles.

Emission Source/Control: BU402 - Process

Emission Source/Control: BY201 - Process

Emission Source/Control: BY401 - Process

Item 71.357(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FKP Source Classification Code: 3-01-026-99
Process Description:
Filter aid kettle presses and tanks. Vapors emitted from presses and tanks during sampling.

Emission Source/Control: BU401 - Process

Emission Source/Control: BU403 - Process

Emission Source/Control: BU405 - Process

Emission Source/Control: BU407 - Process

Emission Source/Control: CD001 - Process

Item 71.358(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FLA Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from a 2000 gallon process tank

Emission Source/Control: FL101 - Process

Item 71.359(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FLB Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from 6000 gallon process tank

Emission Source/Control: FL201 - Process

Item 71.360(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FLC Source Classification Code: 3-99-999-94
Process Description: Insignificant emissions from fume hood

Emission Source/Control: FL301 - Process

Item 71.361(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FNA Source Classification Code: 3-01-026-30
Process Description:
Rubber Packing (Rubber Mills) Insignificant emissions
from Silicone Rubber Mill #1.

Emission Source/Control: FN101 - Process

Item 71.362(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FNB Source Classification Code: 3-01-026-30
Process Description:
Rubber Packing (Rubber Mills) Insignificant emissions
from Silicone Rubber Mill #2.

Emission Source/Control: FN201 - Process

Item 71.363(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FNC Source Classification Code: 3-01-026-30
Process Description:
Rubber Packing (Rubber Mills) Insignificant emissions from Silicone Rubber Mill #3.

Emission Source/Control: FN301 - Process

Item 71.364(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FNE Source Classification Code: 3-01-070-02
Process Description:
Rubber Packaging Insignificant emissions from transfer of treated filler from bulk silo with fludiizing inert gas.

Emission Source/Control: FN501 - Process

Item 71.365(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FPR Source Classification Code: 3-99-999-94
Process Description:
1500 Phenyl reactor (Diol and Tetramer). A batch system used to manufacture Phenyl and Pheny Tetramer.

Emission Source/Control: EL1C1 - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: EL101 - Process

Emission Source/Control: EL301 - Process

Emission Source/Control: EP701 - Process

Emission Source/Control: EP901 - Process

Emission Source/Control: EQ401 - Process

Item 71.366(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: FSA Source Classification Code: 3-99-999-94
Process Description:
Dimethyl fluids. Insignificant emissions from vacuum system separator.

Emission Source/Control: FS101 - Process

Item 71.367(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: GP3 Source Classification Code: 3-01-070-02
Process Description:
Group 1, 300 GP kettle. Batches of fluids are produced for pressure-sensitive adhesives and other products.

Emission Source/Control: EN101 - Process

Item 71.368(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: GVS Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing General house vacuum system vents to a dust collector.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DK012 - Process

Item 71.369(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HAA Source Classification Code: 3-01-026-30
Process Description:
CASH System. Insignificant emissions from coolant drum MS-114.

Emission Source/Control: HA701 - Process

Item 71.370(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HAB Source Classification Code: 4-07-004-01
Process Description:
Building 76 Tank Farm. Insignificant emissions from breathing losses from 14,000 gallon horizontal Acetic Anhydride storage tank.

Emission Source/Control: HA9C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HA901 - Process

Item 71.371(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HAC Source Classification Code: 4-07-004-02
Process Description:
Building 76 Tank Farm. Insignificant emissions from filling losses from 14,000 gallon horizontal Acetic Anhydride storage tank.

Emission Source/Control: HA901 - Process

Item 71.372(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HAS Source Classification Code: 3-01-026-30
Process Description:
East and West Hydrolyzers. The East and West Hydrolyzers vent to the East and West High Acid Scrubbers.

Emission Source/Control: HE0C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HE1C1 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: HE001 - Process

Emission Source/Control: HE101 - Process

Item 71.373(From Mod 3):

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

Emission Unit: F-INISH
Process: HBA Source Classification Code: 3-01-070-02
Process Description:
Building 76 Tank Farm. Insignificant emissions from breathing losses from Acetone storage tank, under pressure.

Emission Source/Control: HB3C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HB301 - Process

Item 71.374(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HBB Source Classification Code: 3-01-070-02
Process Description:
Building 76 Tank Farm. Insignificant emissions from breathing losses from aromatic hydrocarbon storage tank, under pressure.

Emission Source/Control: HB4C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HB401 - Process

Item 71.375(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HBV Source Classification Code: 3-99-999-94
Process Description:
Hopper bin vents for the 630 liter, 3000 liter north, and 3000 liter south Drais Mixers vent to a dust collector.

Emission Source/Control: DK0C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DK008 - Process

Emission Source/Control: DK009 - Process

Emission Source/Control: DK011 - Process

Emission Source/Control: DK015 - Process

Item 71.376(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHA Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone doughmixer. Insignificant emissions from fume exhaust hood over doughmixer when mixer is opened to empty vessel.

Emission Source/Control: HH401 - Process

Item 71.377(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHB Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone doughmixer. Insignificant emissions from fume exhaust hood over doughmixer when solvent is removed through the hood.

Emission Source/Control: HH401 - Process

Item 71.378(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHC Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone doughmixer. Insignificant emissions from fume exhaust hood over doughmixer when vapor is removed due to displacement from drum filling from light ends receiver.

Emission Source/Control: HH401 - Process

Item 71.379(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHD Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone doughmixer. Insignificant emissions from fume exhaust hood over doughmixer when vapor is removed

due to displacement from drum filling from decanter.

Emission Source/Control: HH401 - Process

Item 71.380(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHE Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from polymer production system kettle.

Emission Source/Control: HH601 - Process

Item 71.381(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHF Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from batch kettle PK-9, with condenser and receiver.

Emission Source/Control: HH701 - Process

Item 71.382(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHG Source Classification Code: 3-01-026-30
Process Description:
Thin film evaporator. Insignificant emissions from working losses from light ends storage tank under pad/depad.

Emission Source/Control: HH801 - Process

Item 71.383(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHH Source Classification Code: 3-01-026-30
Process Description:
Thin film evaporator. Insignificant emissions from working losses from Siloxane storage tank.

Emission Source/Control: HH901 - Process

Item 71.384(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HHI Source Classification Code: 3-01-026-30
Process Description:
Thin film evaporator. Insignificant emissions from
standing storage losses from Siloxane storage tank.

Emission Source/Control: HH901 - Process

Item 71.385(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HIA Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from vent for
polykettle PK-9, 10, 11 vacuum ejector system.

Emission Source/Control: HI101 - Process

Item 71.386(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HIB Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from lift station
hot-well vent for light ends that pass through ejectors.

Emission Source/Control: HI201 - Process

Item 71.387(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HIC Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from batch reactor
with condenser, receiver and vacuum system.

Emission Source/Control: HI501 - Process

Item 71.388(From Mod 3):

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

Emission Unit: F-INISH
Process: HID Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from batch kettle PK-11.

Emission Source/Control: HI701 - Process

Item 71.389(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HIE Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from polykettle 12.

Emission Source/Control: HI801 - Process

Item 71.390(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HIF Source Classification Code: 3-01-026-30
Process Description:
Polykettles. Insignificant emissions from vacuum ejector vent for polykettle 12.

Emission Source/Control: HI901 - Process

Item 71.391(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HJA Source Classification Code: 3-99-999-94
Process Description:
Polykettles. Insignificant emissions from polykettle 14.

Emission Source/Control: HJ501 - Process

Item 71.392(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HJB Source Classification Code: 3-01-070-02
Process Description:

Thin film evaporator. Insignificant emissions from north
TFE feed tank.

Emission Source/Control: HJ201 - Process

Item 71.393(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HJC Source Classification Code: 3-01-070-02
Process Description:
Thin film evaporator. Insignificant emissions from south
TFE feed tank.

Emission Source/Control: HJ301 - Process

Item 71.394(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HJD Source Classification Code: 3-01-070-02
Process Description:
Thin film evaporator. Insignificant emissions from a
light ends tank.

Emission Source/Control: HJ401 - Process

Item 71.395(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HOA Source Classification Code: 3-05-102-99
Process Description:
Treater filler kettles - insignificant emissions from
Tetramer feed tank.

Emission Source/Control: HO601 - Process

Item 71.396(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HOB Source Classification Code: 3-01-070-02
Process Description:
Treated Filler Kettles. Insignificant emissions from
working losses from Tetramer storage tank.

Emission Source/Control: HO901 - Process

Item 71.397(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HOC Source Classification Code: 3-01-070-02
Process Description:
Treated Filler Kettles. Insignificant emissions from standing storage losses from Tetramer storage tank.

Emission Source/Control: HO901 - Process

Item 71.398(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HOE Source Classification Code: 3-01-070-02
Process Description:
WP-3 Exturders. Insignificant emissions from working losses from storage tank 898-506. Tank is under pressure.

Emission Source/Control: HO501 - Process

Item 71.399(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HPA Source Classification Code: 3-01-070-02
Process Description:
WP-3 Extruders. Insignificant emissions from vacuum pumps used to pull vacuum on a mixer extruder.

Emission Source/Control: HP301 - Process

Item 71.400(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HPB Source Classification Code: 3-01-070-02
Process Description:
WP-3 Exturders. Insignificant emissions from storage tank 8275-502 equipped with a vapor balance return line. It is also equipped with a conservation vent.

Emission Source/Control: HP501 - Process

Item 71.401(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HQA Source Classification Code: 3-01-070-02
Process Description:
End Capper. Insignificant emissions from working losses from Silicone polymer storage tank, Tank C number 898-505, under pressure.

Emission Source/Control: HQ501 - Process

Item 71.402(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HQB Source Classification Code: 3-01-026-30
Process Description:
End Capper. Insignificant emissions from packed columns 8275-427-023AB and 025A.

Emission Source/Control: HQ401 - Process

Item 71.403(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HRA Source Classification Code: 3-01-070-02
Process Description:
End Capper. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HR701 - Process

Item 71.404(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HRB Source Classification Code: 3-01-070-02
Process Description:
End Capper. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HR801 - Process

Item 71.405(From Mod 3):

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

Emission Unit: F-INISH
Process: HRC Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HR601 - Process

Item 71.406(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HRD Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HR901 - Process

Item 71.407(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HSA Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HS001 - Process

Item 71.408(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HSB Source Classification Code: 3-01-070-02
Process Description:
WP-2, WP-3 Extruders, Gas Separation Chambers - Insignificant emissions from WP2, WP3 Extruders, and Gas Separation.

Emission Source/Control: HS201 - Process

Item 71.409(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HSC Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from a gas separation chamber for a catalyst feed line.

Emission Source/Control: HS101 - Process

Item 71.410(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HSD Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from working losses from Silicone polymer storage tank 898-503-C with Nitrogen pad/depad.

Emission Source/Control: HS301 - Process

Item 71.411(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HSE Source Classification Code: 3-01-070-02
Process Description:
End Capper. Insignificant emissions from working losses of Silicone polymer storage tank under pressure.

Emission Source/Control: HS401 - Process

Item 71.412(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HTA Source Classification Code: 3-99-999-94
Process Description:
Working losses from the four pigment tanks are used to store liquid pigment dispersions. The vessels vent to the atmosphere when the vessels are charged from the drums the vessels vent to a common conservation vent header.

Emission Source/Control: HT801 - Process

Item 71.413(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HTB Source Classification Code: 3-99-999-94
Process Description:
Standing storage losses from four pigment tanks are used to store liquid pigment dispersions. The vessels vent to the atmosphere when the vessels are charged from the drums. The vessels vent to a common conservation vent header.

Emission Source/Control: HT801 - Process

Item 71.414(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HVA Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from working losses from siloxane storage tank 898-503A with Nitrogen pad/depad.

Emission Source/Control: HV101 - Process

Item 71.415(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HVB Source Classification Code: 3-01-070-02
Process Description:
WP-2 Extruders. Insignificant emissions from working losses from Siloxane storage tank 898-503B with Nitrogen pad/depad.

Emission Source/Control: HV201 - Process

Item 71.416(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: HXT Source Classification Code: 3-01-026-30
Process Description:
4000 PUFA. This process consists of a 1-Hexene process tank.

Emission Source/Control: FD4C1 - Control
Control Type: VAPOR LOCK BALANCE RECOVERY SYSTEM

Emission Source/Control: FD401 - Process

Item 71.417(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: LAB Source Classification Code: 3-01-070-02
Process Description:
WP1/WP4 Extruders Standing storage losses from three storage tanks. The tanks are used to store Gamma-Aminopropyltriethoxysilane (GAP), Hydride,and ES40. The tanks are equipped with conservation vents.

Emission Source/Control: DU401 - Process

Emission Source/Control: DU402 - Process

Emission Source/Control: DU405 - Process

Item 71.418(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: LAS Source Classification Code: 3-01-026-30
Process Description:
Rubber Packaging. This process consists of stations to feed liequid additives from drums to the Banberry Mixers. There are two vents with Nitrogen purge.

Emission Source/Control: FO901 - Process

Emission Source/Control: FP001 - Process

Item 71.419(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: LAV Source Classification Code: 3-01-070-02
Process Description: WP1/WP4 Extruders Tote/drum transfer stations.

Emission Source/Control: DU406 - Process

Emission Source/Control: DU408 - Process

Item 71.420(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: LAW Source Classification Code: 3-01-070-02
Process Description:
WP1/WP4 Extruders Working losses from three storage tanks. The tanks are used to store Gamma-Aminopropyltriethoxysilane (GAP), Hydride, and ES40.

Emission Source/Control: DU401 - Process

Emission Source/Control: DU402 - Process

Emission Source/Control: DU405 - Process

Item 71.421(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: LKR Source Classification Code: 3-99-999-94
Process Description:
Batch Mixing Elephant trunk from polymer drumming in the liquid kitting room.

Emission Source/Control: DK108 - Process

Item 71.422(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: MSS Source Classification Code: 3-01-070-02
Process Description:
4000 PUFA. Methyl Styrene storage tank working losses.

Emission Source/Control: FD501 - Process
Design Capacity: 10,000 gallons

Item 71.423(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: ODC Source Classification Code: 3-01-840-01
Process Description:
100 distillation column. Produces various chainstoppers and distills other systems' byproducts. Vapors are condensed and taken off to various receivers.

Emission Source/Control: EL401 - Process

Emission Source/Control: FB501 - Process

Item 71.424(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PAV Source Classification Code: 3-01-026-30
Process Description:
1500 PUFA/4000 PUFA. This process consists of vessels in the 1500 and 4000 PUFA areas.

Emission Source/Control: EL701 - Process

Emission Source/Control: EO401 - Process

Emission Source/Control: EP201 - Process

Emission Source/Control: EQ101 - Process

Item 71.425(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PDM Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone doughmixer. A polymerizer-doughmixer is used to convert a Fluorosilicone Monomer to a Fluorosilicone Polymer.

Emission Source/Control: HH201 - Process

Item 71.426(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PKE Source Classification Code: 4-90-001-99
Process Description:
4000 gal pufamer reactor receiver through an ejector.

Emission Source/Control: EO301 - Process

Item 71.427(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH

Process: PKR Source Classification Code: 4-90-001-99
Process Description:
4M PK reactor. This process consists of a 4000 gal polymer reactor which vents through a reflux condenser.

Emission Source/Control: EM701 - Process

Item 71.428(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PRB Source Classification Code: 3-01-070-02
Process Description: Breathing losses from Storage tanks.

Emission Source/Control: HB501 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: HB601 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: HB701 - Process
Design Capacity: 14,500 gallons

Item 71.429(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PRL Source Classification Code: 3-01-026-30
Process Description:
4000 PUFA. This process consists of the 4000 PUFA reactor condenser.

Emission Source/Control: EL701 - Process

Item 71.430(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PRS Source Classification Code: 3-01-070-02
Process Description:
1500 PUFA. This process consists of the main vent for the 1500 PUFA reactor.

Emission Source/Control: EP201 - Process

Item 71.431(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PRW Source Classification Code: 3-01-070-02
Process Description: Working losses from storage tanks.

Emission Source/Control: HB501 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: HB601 - Process
Design Capacity: 10,000 gallons

Emission Source/Control: HB701 - Process
Design Capacity: 14,500 gallons

Item 71.432(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PTT Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from loading of a piston-truck in building 85 (sealants).

Emission Source/Control: HU601 - Process

Item 71.433(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: PYK Source Classification Code: 3-01-840-01
Process Description:
Polymer kettles #1, 2, 3 and 5, and mixing totes A & B for processing different Silicone products.

Emission Source/Control: DA101 - Process

Emission Source/Control: DA201 - Process

Emission Source/Control: DA301 - Process

Emission Source/Control: DA501 - Process

Emission Source/Control: DA901 - Process

Emission Source/Control: DA902 - Process

Item 71.434(From Mod 3):

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

Emission Unit: F-INISH
Process: RCC Source Classification Code: 3-01-070-02
Process Description:
Treater Filler Kettles The Methyl Tetramer (D4) recovery system consists of a vapor condensing tower, a D4 circulating tank, a knock out pot, and a light-ends weigh tank. D4 vapor and Nitrogen are released from treated filler kettles and transferred to the recovery system.

Emission Source/Control: HO8C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: HO801 - Process

Emission Source/Control: HO802 - Process

Item 71.435(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: RH1 Source Classification Code: 3-01-070-02
Process Description:
Rodney Hunt stripper. A continuous stripper, where the material is stripped into specification.

Emission Source/Control: EX501 - Process

Item 71.436(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: RHS Source Classification Code: 4-90-001-99
Process Description:
Rodney Hunt stripper. A continuous stripper, where the material is stripped into specification.

Emission Source/Control: EV801 - Process

Emission Source/Control: EY301 - Process

Emission Source/Control: EY401 - Process

Item 71.437(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: RK1 Source Classification Code: 3-01-999-98
Process Description:
Batch Mixing Vent from a 25 gallon kettle (Ross MIxer) directly to the atmoshphere.

Emission Source/Control: DB701 - Process

Item 71.438(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: RK2 Source Classification Code: 3-01-999-98
Process Description:
Batch mixing. A 25 gallon kettle (Ross kettle) vents through a vacuum pump.

Emission Source/Control: DB701 - Process

Item 71.439(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: SHH Source Classification Code: 3-01-026-30
Process Description:
Fluorosilicone cracker. Exhaust hood over the solids hopper bag dumping station.

Emission Source/Control: HH5C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HH501 - Process

Item 71.440(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: SKV Source Classification Code: 3-01-070-01
Process Description:
Specialty Kettle - The specialty kettle is a batch reactor/blend tank used to manufacture primers for paper-release internediates, vinyl polymers, catalyst blends, and other specialty fluids. Associated equipment includes filter and cuno presses.

Emission Source/Control: HD101 - Process

Emission Source/Control: HD102 - Process

Emission Source/Control: HD103 - Process

Item 71.441(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: SP2 Source Classification Code: 3-01-018-47
Process Description:
MQ Resins. Resins and polymers are held for further processing in a closed, stirred process kettle.

Emission Source/Control: BH501 - Process

Item 71.442(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: SPK Source Classification Code: 3-01-026-30
Process Description:
MQ Resins. Stirred process kettles for the #5#12 FAKs system located in Building 24.

Emission Source/Control: BH7C1 - Control
Control Type: GRAVEL BED FILTER

Emission Source/Control: BH301 - Process

Emission Source/Control: BH701 - Process

Emission Source/Control: BH901 - Process

Emission Source/Control: BI001 - Process

Item 71.443(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: SSE Source Classification Code: 3-01-070-02
Process Description:
300 SS equilibrator. Produces small batches of electronic-junction coatings & compounds used in electronics packaging industry.

Emission Source/Control: EX401 - Process

Item 71.444(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TAB Source Classification Code: 3-05-102-99
Process Description:
Treater Filler Kettles Breathing losses from 12 product storage tanks, each with a capacity of 7500 gallons. The tanks are used to store volatile organic liquids.

Emission Source/Control: HO1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HO102 - Process

Item 71.445(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TAW Source Classification Code: 3-05-102-99
Process Description:
Treater Filler Kettles Working losses from 12 product storage tanks, each with a capacity of 7500 gallons. The tanks are used to store volatile organic liquids.

Emission Source/Control: HO1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HO102 - Process

Item 71.446(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TBB Source Classification Code: 3-05-102-99
Process Description:
Treater Filler Kettles Breathing losses from product storage tanks T-522N and T-523M. The tanks are used to store volatile organic liquids.

Emission Source/Control: HO1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HO105 - Process

Item 71.447(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TBW Source Classification Code: 3-05-102-99
Process Description:
Treater Filler Kettles Working losses from product storage tanks T-522N and T-523M. The tanks are used to store volatile organic liquids.

Emission Source/Control: HO1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HO105 - Process

Item 71.448(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TFE Source Classification Code: 3-01-026-30
Process Description:
Thin film evaporator. A thin film evaporator fitted with a mechanical vacuum system.

Emission Source/Control: HJ101 - Process

Item 71.449(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TFR Source Classification Code: 3-01-026-30
Process Description:
Treater Filler Kettles Treater filler kettles are used to treat raw fillers with Methyl Tetramer. Methyl Tetramer vapors are discharged to a condenser/receiver system.

Emission Source/Control: DO6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DO7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DO601 - Process

Emission Source/Control: DO802 - Process

Item 71.450(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TFS Source Classification Code: 3-01-026-30
Process Description:
Treater filler kettle - treater filler kettle is used to treat raw filler with HMDZ. HMDZ vapors are discharged to receiver and ultimately to a packed tower scrubber. Tank wagon emissions also vented to scrubber.

Emission Source/Control: DO8C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: DO802 - Process

Emission Source/Control: DO803 - Process

Item 71.451(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TFU Source Classification Code: 3-01-026-30
Process Description:
Tetramer Tank Treater filler kettles tetramer process tank under continuous Nitrogen purge.

Emission Source/Control: DO901 - Process

Item 71.452(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TK1 Source Classification Code: 4-07-008-97
Process Description:
Building 76 Tank Farm. Emissions from breathing losses from 30,000 gallon Toluene storage tank 2650-536, under pressure.

Emission Source/Control: GR6C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: GR601 - Process

Item 71.453(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TK2 Source Classification Code: 3-01-070-02
Process Description:
Building 76 Tank Farm. Emissions from working losses from 16,000 gallon Acetic Acid storage tank, under pressure

Emission Source/Control: HB2C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HB201 - Process

Item 71.454(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKA Source Classification Code: 3-01-070-02
Process Description:
Transfer and Blending - Working losses from Tanks 537N/S and 503A.

Emission Source/Control: BD5C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD501 - Process

Item 71.455(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKB Source Classification Code: 3-01-070-02
Process Description:
Transfer and Blending. Standing storage losses from Tanks 537N/S and 503A.

Emission Source/Control: BD5C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD501 - Process

Item 71.456(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKC Source Classification Code: 4-07-999-98
Process Description:
Transfer and Blending. Working losses from Tank 538.

The tank is under a Nitrogen pad/dapad system.

Emission Source/Control: BE001 - Process

Emission Source/Control: BL101 - Process

Item 71.457(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKD Source Classification Code: 4-07-999-97
Process Description:
Transfer and Blending. Working losses from Isopropanol storage tank.

Emission Source/Control: BK601 - Process

Item 71.458(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKE Source Classification Code: 4-07-999-97
Process Description:
Transfer and Blending. Standing storage losses from Isopropanol storage tank.

Emission Source/Control: BK601 - Process

Item 71.459(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKF Source Classification Code: 3-01-070-02
Process Description:
Trnasfer and Blending. Material is charged to solvent still (process) tank 64-303.

Emission Source/Control: BH201 - Process

Item 71.460(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TKS Source Classification Code: 3-01-070-02
Process Description:
MQ Resins. Tanks for accumulating solvents, a vessel used as a temporary hold tank and a 800 gallon HCL tank.

Emission Source/Control: BH801 - Process

Emission Source/Control: BI101 - Process

Item 71.461(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TTS Source Classification Code: 3-01-070-02
Process Description:
Transfer and blending. Standing storage losses from Toluene storage tank 503A.

Emission Source/Control: CA601 - Process

Item 71.462(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TTU Source Classification Code: 3-01-026-30
Process Description:
Transfer truck unloading. Tank wagon loading/unloading station.

Emission Source/Control: GU0C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: GU006 - Process

Item 71.463(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TTW Source Classification Code: 3-01-070-02
Process Description:
Transfer and blending. Working losses from Toluene storage tank 503A.

Emission Source/Control: CA601 - Process

Item 71.464(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: TWL Source Classification Code: 3-01-070-02
Process Description:

East and West Systems - Tank and trailer loading and unloading operations. The following materials are transferred: finished product grades, Silane, Acetyl Chloride, APS, and t-Butanol.

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA119 - Process

Emission Source/Control: HA120 - Process

Emission Source/Control: HA121 - Process

Emission Source/Control: HA122 - Process

Emission Source/Control: HA127 - Process

Emission Source/Control: HA128 - Process

Emission Source/Control: HA129 - Process

Emission Source/Control: HA130 - Process

Emission Source/Control: HA131 - Process

Item 71.465(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: W1B Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Standing storage losses from siloxane storage tank 323. The tank vent is under pressure.

Emission Source/Control: DW201 - Process

Item 71.466(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: W1W Source Classification Code: 3-01-070-02
Process Description:
WP-1 Extruder Working losses from siloxane storage tanks 323.

Emission Source/Control: DW201 - Process

Item 71.467(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WDU Source Classification Code: 3-99-999-94
Process Description:
WP-1 Catalyst in 55-gallon drums is stored in a hot room to prevent freezing. Periodically, catalyst is pumped from drums to a storage tank in the hot room. Room is ventilated by fan exhausted to the atmosphere.

Emission Source/Control: DT901 - Process

Emission Source/Control: DU001 - Process

Item 71.468(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WEB Source Classification Code: 3-01-070-02
Process Description:
East and West Systems - Standing losses from atmospheric storage tanks. The tanks are used to store Acetyl Chloride waste, Silane blend, and propyltriacetoxysilane (PTAS).

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA106 - Process

Emission Source/Control: HA113 - Process

Emission Source/Control: HA132 - Process

Item 71.469(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WEW Source Classification Code: 3-01-070-02
Process Description:
East and West Systems - Working losses from atmospheric storage tanks. The tanks are used to store Acetyl Chloride waste, Silane blend, and propyltriacetoxysilane (PTAS).

Emission Source/Control: HA1C1 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: HA106 - Process

Emission Source/Control: HA113 - Process

Emission Source/Control: HA132 - Process

Item 71.470(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WP1 Source Classification Code: 3-01-026-30
Process Description:
WP1/WP4 Extruders The vacuum vent ports of the WP-1 and WP-4 mixers are exhausted by suction from two liquid ring vacuum pumps. The exhaust from the two vacuum pumps passes through two carbon beds placed in series.

Emission Source/Control: DT701 - Process

Emission Source/Control: DT702 - Process

Item 71.471(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WPE Source Classification Code: 3-01-070-02
Process Description:
WP-2, WP-3 Extruders - Dust collector system collects dust laden air and removes particles in cartridge type filter elements.

Emission Source/Control: HO2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HO201 - Process

Emission Source/Control: HO202 - Process

Emission Source/Control: HO203 - Process

Emission Source/Control: HO204 - Process

Emission Source/Control: HO205 - Process

Item 71.472(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WPF Source Classification Code: 4-90-002-06
Process Description: Fugitive emissions WP1, & WP4.

Emission Source/Control: CY102 - Process

Item 71.473(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WPT Source Classification Code: 3-01-070-02
Process Description:
WP2, WP3 Tanks - This process represents working losses from volatile organic liquid storage tanks used in the WP-2 and WP-3 operations. Tanks are under pressure or have a Nitrogen blanket.

Emission Source/Control: HQ0C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HQ1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HQ2C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: HQ001 - Process

Emission Source/Control: HQ101 - Process

Emission Source/Control: HQ201 - Process

Emission Source/Control: HQ301 - Process

Item 71.474(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WSD Source Classification Code: 3-05-102-99
Process Description:
West System - This dust collector unit accepts emissions from the loading of two charging hoppers. The Dust Collector system consists of two charging hoppers, the product/air conveyance ducts, and the dust collector.

Emission Source/Control: HA5C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HA501 - Process

Item 71.475(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WSP Source Classification Code: 3-01-026-30
Process Description:
West System - manufactures products such as auto polishes, masonry water repellent, impregnant for roofing granules, and process aids for rubber production. It is a batch system that is a hydrolysis system. Associated equipment includes a filter press.

Emission Source/Control: HD501 - Process

Item 71.476(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WTA Source Classification Code: 3-01-070-02
Process Description:
4000 PUFA. This process consists of the weigh tank for the 4000 PUFA system.

Emission Source/Control: EY201 - Process

Item 71.477(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: WTB Source Classification Code: 3-01-070-02
Process Description:
4000 PUFA. Insignificant emissions from the weigh tank for the 4000 PUFA system.

Emission Source/Control: EX101 - Process

Item 71.478(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 18G Source Classification Code: 1-02-006-01

Process Description: Boiler 18 - natural gas combustion.

Emission Source/Control: CS601 - Combustion

Emission Source/Control: CS6C1 - Control
Control Type: DRY LOW NOx BURNER

Item 71.479(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: 18O Source Classification Code: 1-02-005-01
Process Description: #2 fuel oil combustion for boiler #18

Emission Source/Control: CS601 - Combustion

Emission Source/Control: CS6C1 - Control
Control Type: DRY LOW NOx BURNER

Item 71.480(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: C6O Source Classification Code: 1-02-004-01
Process Description: Boiler 13 - Number 6 fuel oil combustion.

Emission Source/Control: CS201 - Combustion

Item 71.481(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: CNG Source Classification Code: 1-02-006-01
Process Description: Boiler 13 - Natural gas combustion.

Emission Source/Control: CS201 - Combustion

Item 71.482(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28002
Process: UTB Source Classification Code: 3-90-900-03
Process Description: Breathing losses for fuel oil tank.

Emission Source/Control: CT301 - Process

Item 71.483(From Mod 3):

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

Emission Unit: U-28002
Process: UTW Source Classification Code: 3-90-900-04
Process Description:
Working losses for fuel oil tank (15,000 gallon design capacity).

Emission Source/Control: CT301 - Process

Item 71.484(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: A6O Source Classification Code: 1-02-004-01
Process Description: Boilers 15 - number 6 fuel oil combustion.

Emission Source/Control: CS302 - Combustion

Item 71.485(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: ANG Source Classification Code: 1-02-006-01
Process Description: Boiler 15 - Natural gas combustion.

Emission Source/Control: CS302 - Combustion

Item 71.486(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: B6O Source Classification Code: 1-02-004-01
Process Description: Boiler 14 - Number 6 fuel oil combustion.

Emission Source/Control: CS301 - Combustion

Item 71.487(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: BNG Source Classification Code: 1-02-006-01
Process Description: Boiler 14 - Natural gas combustion.

Emission Source/Control: CS301 - Combustion

Item 71.488(From Mod 3):

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

Emission Unit: U-28003
Process: UNG Source Classification Code: 1-02-006-02
Process Description: Boiler 17 - Natural gas combustion.

Emission Source/Control: CS501 - Combustion

Item 71.489(From Mod 3):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-28003
Process: VNG Source Classification Code: 1-02-006-02
Process Description: Boiler 16 - Natural gas combustion.

Emission Source/Control: CS401 - Combustion

Item 71.490(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-23002
Process: KB2 Source Classification Code: 3-01-070-02
Process Description:
Vent scrubber. Emissions from breathing losses from two storage tanks used to store Chlorosilanes.

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD217 - Process

Item 71.491(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-23002
Process: KBS Source Classification Code: 3-01-070-02
Process Description:
Vent scrubber. Emissions from working losses from two storage tanks used to store Chlorosilanes

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD217 - Process

Item 71.492(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-23002
Process: PTK Source Classification Code: 3-99-999-94
Process Description:
Vent scrubber. Emissions from three weigh tanks, seven batch kettles and a blend kettle.

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD222 - Process

Emission Source/Control: BD228 - Process

Item 71.493(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-23002
Process: SGB Source Classification Code: 3-01-070-02
Process Description:
Vent scrubber. Emissions from breathing losses from 14 product storage tanks

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD206 - Process

Emission Source/Control: BD207 - Process

Emission Source/Control: BD210 - Process

Emission Source/Control: BD211 - Process

Emission Source/Control: BD212 - Process

Emission Source/Control: BD220 - Process

Emission Source/Control: BD221 - Process

Emission Source/Control: BD223 - Process

Emission Source/Control: BD226 - Process

Emission Source/Control: BD233 - Process

Item 71.494(From Mod 1):

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

Emission Unit: C-23002
Process: SGW Source Classification Code: 3-01-070-02
Process Description:
Vent scrubber. Emissions from working losses from 14 product storage tanks.

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD206 - Process

Emission Source/Control: BD207 - Process

Emission Source/Control: BD210 - Process

Emission Source/Control: BD211 - Process

Emission Source/Control: BD212 - Process

Emission Source/Control: BD220 - Process

Emission Source/Control: BD221 - Process

Emission Source/Control: BD223 - Process

Emission Source/Control: BD226 - Process

Emission Source/Control: BD233 - Process

Item 71.495(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-23002
Process: TUO Source Classification Code: 3-01-070-02
Process Description:
Emissions from tanker trailer/rail car unloading and loading operations.

Emission Source/Control: BD2C1 - Control
Control Type: WET SCRUBBER

Emission Source/Control: BD230 - Process

Emission Source/Control: BD231 - Process

Emission Source/Control: BD232 - Process

Item 71.496(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: A2B Source Classification Code: 3-01-011-99
Process Description:
Breathing losses from A2/B2 acid tank. This process consists of the breathing losses from the A2/B2 weak acid storage tank.

Emission Source/Control: CO5C2 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: CO508 - Process

Item 71.497(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: A2W Source Classification Code: 3-01-011-99
Process Description:
Working losses from A2/B2 acid tank. This process consists of the working losses from the A2/B2 weak acid storage tank.

Emission Source/Control: CO5C2 - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: CO508 - Process

Item 71.498(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: ATB Source Classification Code: 3-01-870-33
Process Description:
Breathing losses from acid tanks. This process consists of the breathing losses from HCL storage tanks.

Emission Source/Control: CO5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: CO501 - Process

Emission Source/Control: CO502 - Process

Emission Source/Control: CO503 - Process

Emission Source/Control: CO504 - Process

Emission Source/Control: CO505 - Process

Item 71.499(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: ATW Source Classification Code: 3-01-870-34
Process Description:
Working losses from acid tanks. This process consists of working losses from HCL storage tanks.

Emission Source/Control: CO5C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: CO501 - Process

Emission Source/Control: CO502 - Process

Emission Source/Control: CO503 - Process

Emission Source/Control: CO504 - Process

Emission Source/Control: CO505 - Process

Item 71.500(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-27035
Process: WAS Source Classification Code: 3-01-011-99
Process Description:
Off-spec product (Hydrochloric Acid) is diluted with water and sent directly to the chemical process sewer.

Emission Source/Control: CO504 - Process

Emission Source/Control: CO505 - Process

Emission Source/Control: CO506 - Process

Emission Source/Control: CO507 - Process

Item 71.501(From Mod 2):

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

Emission Unit: C-62014
Process: FSP Source Classification Code: 3-01-026-30
Process Description:
Fumed Silica solids handling equipment. This process consists of various solids handling equipment in the fumed Silica area. The equipment includes truck unloading equipment, a vacuum bagging machine, and a product vacuum cleaner.

Emission Source/Control: GP2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: GP3C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: GP4C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: GP203 - Process

Emission Source/Control: GP301 - Process

Emission Source/Control: GP401 - Process

Item 71.502(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: FSS Source Classification Code: 3-01-026-30
Process Description:
Fumed Silica scrubber. This process consists of a scrubber which removes Chlorine, Hydrogen Chloride, and Particulates.

Emission Source/Control: GP1C1 - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: GP101 - Process

Item 71.503(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-62014
Process: GPA Source Classification Code: 3-99-999-94
Process Description:

Fumed silica. Insignificant emissions from Propylene Glycol surge tank.

Emission Source/Control: GP701 - Process

Item 71.504(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DG3 Source Classification Code: 3-01-026-30
Process End Date: 1/23/2002
Process Description:
Doughmixer area. Doughmixers #3,5,6,7,8 and 9 vent to hood. The doughmixers are batch mixers used in the production of various products. This process includes products that contain treated filler.

Emission Source/Control: DM601 - Process

Emission Source/Control: DM701 - Process

Emission Source/Control: DM801 - Process

Emission Source/Control: DM901 - Process

Emission Source/Control: DN601 - Process

Emission Source/Control: DN701 - Process

Item 71.505(From Mod 0):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: F-INISH
Process: DG4 Source Classification Code: 3-01-026-30
Process End Date: 1/23/2002
Process Description:
Doughmixer area. Doughmixers #5, 6, 7, 8 and 9 vent to a condenser and a receiver vent. The doughmixers are batch mixers used in the production of various products. This process includes products that contain treated filler.

Emission Source/Control: DM9C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DN7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.

CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ0C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ2C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DQ4C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: DM701 - Process

Emission Source/Control: DM801 - Process

Emission Source/Control: DM901 - Process

Emission Source/Control: DN601 - Process

Emission Source/Control: DN701 - Process

Item 71.506(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: ABA Source Classification Code: 3-99-999-94
Process Description:
Process development. Emissions from siloxanes passing from the compounder to the LIM after-condenser at location 4A.

Emission Source/Control: AB4C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AB401 - Process

Item 71.507(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: ABB Source Classification Code: 3-99-999-94
Process Description:
Process development. Insignificant emissions due to vents

passing from the batching tank and stripper to the LIM after-condenser at location 4B.

Emission Source/Control: AB5C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AB501 - Process

Item 71.508(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: ACA Source Classification Code: 3-99-999-94
Process Description:
Process development. Insignificant emissions from the MM recovery reactor.

Emission Source/Control: AC2C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AC2C2 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: AC201 - Process

Item 71.509(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-13004
Process: LIM Source Classification Code: 3-99-999-94
Process Description:
Process development. Volatiles stripped from the LIM during compounding and cooling pass through the shared LIM after-condenser at location 4C.

Emission Source/Control: AB6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AB601 - Process

Item 71.510(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009

Process: AFA Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from elephant trunks used to collect chemical by-products from drums of RTV sealant.

Emission Source/Control: AF301 - Process

Item 71.511(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AFB Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from elephant trunks used to collect chemical by-products from drums of RTV sealant.

Emission Source/Control: AF302 - Process

Item 71.512(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AFC Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from Acrylates process area ventilation system.

Emission Source/Control: AF401 - Process

Item 71.513(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AJA Source Classification Code: 3-01-026-30
Process Description: Insignificant emissions from 50 gallon hydrolyzer.

Emission Source/Control: AJ701 - Process

Item 71.514(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AJB Source Classification Code: 3-01-026-30
Process Description:
Insignificant emissions from the 30 gallon receiver for the 50 gallon hydrolyzer.

Emission Source/Control: AJ702 - Process

Item 71.515(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AJC Source Classification Code: 3-01-026-30
Process Description:
50HYDRO to 15028 - Insignificant emissions from 50 gallon hydrolyzer during vacuum stripping.

Emission Source/Control: AJ701 - Process

Item 71.516(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AQA Source Classification Code: 3-01-026-30
Process Description:
RBK ATM Vent - Insignificant emissions from 50 gallon RBK (Resin Body Kettle) reactor.

Emission Source/Control: AQ101 - Process

Item 71.517(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: AQB Source Classification Code: 3-01-026-30
Process Description:
RBK Receiver ATM Vent - Insignificant emissions from receiver for 50 gallon RBK reactor.

Emission Source/Control: AQ102 - Process

Item 71.518(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARA Source Classification Code: 3-99-999-94
Process Description:
100 gal TFE Feed Tank - Insignificant emissions from a 100 gallon TFE feed tank.

Emission Source/Control: AR301 - Process

Item 71.519(From Mod 1):

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

Emission Unit: T-14009
Process: ARB Source Classification Code: 3-01-026-30
Process Description:
TFE Vacuum Pump - Insignificant emissions from a vacuum pump connected to the Turba thin film evaporator.

Emission Source/Control: AR501 - Process

Item 71.520(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARD Source Classification Code: 3-01-070-02
Process Description:
Insignificant emissions from the 50 SS vessel through a liquid ring vacuum pump.

Emission Source/Control: AO501 - Process

Item 71.521(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARE Source Classification Code: 3-01-070-02
Process Description:
RBK to 15109 - Insignificant emissions from the RBK vessel through a liquid ring vacuum pump.

Emission Source/Control: AQ101 - Process

Item 71.522(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARF Source Classification Code: 3-01-070-02
Process Description:
50HYDRO to 15109 - Insignificant emissions from the 50 Hydrolysis vessel through a liquid ring vacuum pump.

Emission Source/Control: AJ701 - Process

Item 71.523(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009

Process: ARG Source Classification Code: 3-01-070-02
Process Description:
100S to 15109 - Insignificant emissions from 100S vessel to a liquid ring vacuum pump.

Emission Source/Control: AI301 - Process

Item 71.524(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARH Source Classification Code: 3-01-070-02
Process Description:
100N to 15109 - Insignificant emissions from the 100N vessel through a liquid ring vacuum pump.

Emission Source/Control: AH501 - Process

Item 71.525(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARI Source Classification Code: 3-01-070-02
Process Description:
TFE to 15109 - Insignificant emissions from the TFE vessel through a liquid ring vacuum pump.

Emission Source/Control: AF501 - Process

Item 71.526(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARJ Source Classification Code: 3-01-026-30
Process Description:
50 HYDRO to 15106 - Insignificant emissions from the 50 Hydrolysis vessel through a mechanical vacuum pump.

Emission Source/Control: AR6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AJ701 - Process

Item 71.527(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARK Source Classification Code: 3-01-026-30
Process Description:
100S to 15106 - Insignificant emissions from the 100S vessel through a mechanical vacuum pump.

Emission Source/Control: AR6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AI301 - Process

Item 71.528(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ARL Source Classification Code: 3-01-026-30
Process Description:
100N to 15106 - Insignificant emissions from the 100 N vessel through a mechanical vacuum pump.

Emission Source/Control: AR6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AH501 - Process

Item 71.529(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASA Source Classification Code: 3-99-999-94
Process Description:
Catayst Solution Feed Tank - Insignificant emissions from a catalyst solution feed tank.

Emission Source/Control: AS0C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: AS001 - Process

Item 71.530(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASB Source Classification Code: 3-99-999-94
Process Description:

Siloxane Feed Tank - Insignificant emissions from Siloxane feed tank.

Emission Source/Control: AS101 - Process

Item 71.531(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASC Source Classification Code: 3-99-999-94
Process Description:
Product Receiver - Insignificant emissions from product receiver.

Emission Source/Control: AS201 - Process

Item 71.532(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASE Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from Chlorosilane Charge System.

Emission Source/Control: AS3C1 - Control
Control Type: SPRAY TOWER

Emission Source/Control: AS301 - Process

Item 71.533(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASF Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from the 100N vessel through a mechanical vacuum pump.

Emission Source/Control: AS6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AJ701 - Process

Item 71.534(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASG Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from the 100 N vessel through a mechanical vacuum pump.

Emission Source/Control: AS6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AF501 - Process

Item 71.535(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASH Source Classification Code: 3-99-999-94
Process Description:
Insignificant emissions from the 100S vessel through a mechanical vacuum pump.

Emission Source/Control: AS6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AI301 - Process

Item 71.536(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASI Source Classification Code: 3-99-999-94
Process Description:
100N to 15117 - Insignificant emissions from 100 gallon north vessel to mechanical vacuum pump.

Emission Source/Control: AS7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AH501 - Process

Item 71.537(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASJ Source Classification Code: 3-99-999-94

Process Description:
50 HYDRO to 15117 - Insignificant emissions from the 50 Hydrolysis vessel through a mechanical vacuum pump.

Emission Source/Control: AS7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AJ701 - Process

Item 71.538(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: ASK Source Classification Code: 3-99-999-94
Process Description:
100S to 15117 - Insignificant emissions from mechanical vacuum pump for 100 gallon North and South Reactor.

Emission Source/Control: AS7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AI301 - Process

Item 71.539(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: MVP Source Classification Code: 3-99-999-94
Process Description:
This process consists of various mixing vessels which vent through a mechanical vacuum pump.

Emission Source/Control: AR6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AS6C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AS7C1 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AO501 - Process

Emission Source/Control: AQ101 - Process

Item 71.540(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: MVT Source Classification Code: 4-90-001-99
Process Description:
Bldg. 14 Mech. Vacuum Pump - This process consists of the mechanical vacuum pump in Building 14. The pump draws vacuum for various mixing vessels in this building.

Emission Source/Control: AE7C1 - Control
Control Type: AMMONIA SCRUBBING

Emission Source/Control: AE601 - Process

Emission Source/Control: AE901 - Process

Emission Source/Control: AF001 - Process

Emission Source/Control: AF101 - Process

Item 71.541(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: MXA Source Classification Code: 3-01-026-30
Process Description:
Mixing Equipment - Atmospheric Vents - This process consists of mixing equipment which vents directly to the atmosphere. The equipment includes various reactors, receivers, and an elephant trunk exhaust system which collects vents from various mixing vessels.

Emission Source/Control: AE601 - Process

Emission Source/Control: AE801 - Process

Emission Source/Control: AE901 - Process

Emission Source/Control: AF001 - Process

Emission Source/Control: AF101 - Process

Emission Source/Control: AF501 - Process

Emission Source/Control: AH501 - Process

Emission Source/Control: AH502 - Process

Emission Source/Control: AI301 - Process

Emission Source/Control: AI302 - Process

Emission Source/Control: AO501 - Process

Emission Source/Control: AO502 - Process

Emission Source/Control: AU101 - Process

Item 71.542(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: MXE Source Classification Code: 3-01-026-30
Process Description:
Mixing Vessels through efectors - This process consists of various mixing vessels which vent through an ejector.

Emission Source/Control: AH501 - Process

Emission Source/Control: AI301 - Process

Emission Source/Control: AO501 - Process

Emission Source/Control: AQ101 - Process

Item 71.543(From Mod 1):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: T-14009
Process: SDC Source Classification Code: 3-99-999-94
Process Description:
Filler/Silica Dust Collector - Elephant trunks collect filler/Silica dust while processing, and send to a dust collector.

Emission Source/Control: AU4C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: AU401 - Process

Item 71.544(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: ASS Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - Air stripper system purge at incinerator No. 2 and the RKI (incinerator No.3).

Emission Source/Control: IC501 - Process

Emission Source/Control: IC601 - Process

Item 71.545(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: CTT Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - 2.2 million gallon open top tanks used to provide equalization and mixing of wastewater prior to introduction to the bio reactors.

Emission Source/Control: IF701 - Process

Emission Source/Control: IF801 - Process

Emission Source/Control: IF901 - Process

Emission Source/Control: IG001 - Process

Emission Source/Control: IG201 - Process

Item 71.546(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: HCS Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Standing storage losses from a HCL storage tank holding HCL for use in the Waste Water Treatment Plant.

Emission Source/Control: IB801 - Process

Item 71.547(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: HCW Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Working losses from a HCL storage tank holding HCL for use in the Waste Water Treatment Plant.

Emission Source/Control: IB801 - Process

Item 71.548(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: IFA Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Insignificant emissionf from 8000 gallon vertical tank used for batch neutralization.

Emission Source/Control: IF3C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IF301 - Process

Item 71.549(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: IFB Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - Insignificant emissions from balance lines serving three APS equalization tanks.

Emission Source/Control: IF401 - Process

Item 71.550(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: IFC Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant. Insignificant emissions from a vertical, open-top aerated biological treatment tank.

Emission Source/Control: IF501 - Process

Item 71.551(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: IFD Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Insignificant emissions from a vertical, open-top aerated biological treatment tank.

Emission Source/Control: IF601 - Process

Item 71.552(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: LSS Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - A lime storage silo emits lime dust through a fabric filter.

Emission Source/Control: HZ2C1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: HZ201 - Process

Item 71.553(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: NEU Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - 5,000 gallon neutralization tank which receives non-aqueous phase material and neutralizes it with KOH.

Emission Source/Control: IC7C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC701 - Process

Item 71.554(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: NPS Source Classification Code: 3-01-070-02

Process Description:
Waste Water Treatment Plant - Emissions from standing storage losses from a 5,000 gallon tank storing NPS which is a blend of silicone compounds, water and solvents.

Emission Source/Control: IF1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IF101 - Process

Item 71.555(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: NPW Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Emissions from working losses from a 5,000 gallon tank storing NPS which is a blend of Silicone compounds, water and solvents.

Emission Source/Control: IF1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IF101 - Process

Item 71.556(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: PST Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Insignificant emissions from a vertical, open-top aerated biological treatment tank.

Emission Source/Control: IF2C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IF201 - Process

Item 71.557(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: SOS Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Insignificant emissions

from standing losses from 23,750 gallon tanks which receive non-polar solvents. The tanks are under Nitrogen, with conservation vents.

Emission Source/Control: ID0C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: ID1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: ID001 - Process

Emission Source/Control: ID101 - Process

Item 71.558(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: SOT Source Classification Code: 3-01-070-02
Process Description:
Waste Water Treatment Plant - Emissions from working losses from 23,100 gallon tanks which receive non-polar solvents. The tanks are under nitrogen, with conservation vents.

Emission Source/Control: ID0C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: ID1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: ID001 - Process

Emission Source/Control: ID101 - Process

Item 71.559(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: STK Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - Two 5,500 gallon tanks which receive non-aqueous phase liquid layers from the chemical sewer oil separator. The tanks are Nitrogen blanketed.

Emission Source/Control: IC8C1 - Control

Control Type: CONSERVATION VENT

Emission Source/Control: IC9C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC801 - Process

Emission Source/Control: IC901 - Process

Item 71.560(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: STS Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - emissions from standing storage losses from 21,700 gallon horizontal storage tanks.

Emission Source/Control: IC1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC2C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC101 - Process

Emission Source/Control: IC201 - Process

Item 71.561(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: STW Source Classification Code: 5-03-007-01
Process Description:
Waste Water Treatment Plant - emissions fro working losses from 21,700 gallon horizontal storage tanks.

Emission Source/Control: IC1C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC2C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IC101 - Process

Emission Source/Control: IC201 - Process

Item 71.562(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-97004
Process: UST Source Classification Code: 3-01-070-02
Process Description:
Underground storage tanks receiving acidic aqueous polar and non-polar solvent containing wastewater via sewer pipe.

Emission Source/Control: IB4C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IB5C1 - Control
Control Type: CONSERVATION VENT

Emission Source/Control: IB401 - Process

Emission Source/Control: IB501 - Process

Condition 74: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 74.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-23002

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

Item 74.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flowrate to the scrubber will be monitored to meet required control efficiency.

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

monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.102(a)(2), Subpart F

Item 75.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 75.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions set forth in subpart H shall apply at all times except during periods of startup, shutdown, malfunction, process unit shutdown (as defined in º63.161), or non-operation of the chemical manufacturing process unit in which the lines are drained and depressurized resulting in cessation of the emissions to which subpart H would apply.

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

Condition 1-18: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.160, Subpart H

Replaces Condition(s) 76

Item 1-18.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 1-18.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) The provisions of this subpart apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references this subpart.
(b) After the compliance date for a process unit, equipment to which this subpart applies that are also subject to the provisions of:
(1) 40 CFR part 60 will be required to comply only with the provisions of this subpart.
(2) 40 CFR part 61 will be required to comply only with the provisions of this subpart.
(c) If a process unit subject to the provisions of this subpart has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this

section.
(1) 40 CFR part 60, subpart VV, GGG, or KKK; (2) 40 CFR part 61, subpart F or J; or (3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB. Quarterly monitoring and reporting is required in order to comply with 6 NYCRR 236.

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

Condition 77: General standards - identification of equipment
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 77.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 77.2:
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 78: General standards - detection of leaks in valves
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 78.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 78.2:
When each leak is detected as specified in 40CFR63.168 and 169, a weatherproof and readily visible identification, marked with the equipment number, shall be attached to the leaking equipment. The identification on a valve may be removed after it has been monitored as specified in 40CFR63.168(f)(3), and 63.175(e)(7)(i)(D), and no leak has been detected during the follow-up monitoring.

Condition 79: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

Item 79.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a leak is detected as specified in 40CFR63.163, 164, 168, 169, 172, 173, and 174, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. The identification which has been placed on equipment determined to have a leak, except for a connector that is subject to the provisions of 40CFR63.174(c)(1)(i), may be removed after it is repaired.

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

Condition 80: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 80.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 80.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The provisions of this section apply to each pump that is in light liquid service.
(1) The provisions are to be implemented on the dates specified in the specific subpart in 40 CFR part 63 that

references this subpart in the phases specified below:
(i) For each group of existing process units at existing sources subject to the provisions of subparts F or I of this part, the phases of the standard are:
(A) Phase I, beginning on the compliance date;
(B) Phase II, beginning no later than 1 year after the compliance date; and
(C) Phase III, beginning no later than 2\1/2\ years after the compliance date.
(ii) For new sources subject to the provisions of subparts F or I of this part, the applicable phases of the standard are:
(A) After initial start-up, comply with the Phase II requirements; and
(B) Beginning no later than 1 year after initial start-up, comply with the Phase III requirements.
(2) The owner or operator of a source subject to the provisions of subparts F or I of this part may elect to meet the requirements of a later phase during the time period specified for an earlier phase.
(3) Sources subject to other subparts in 40 CFR part 63 that reference this subpart shall comply on the dates specified in the applicable subpart.

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

Condition 81: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.163(b)(1), Subpart H

Item 81.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 81.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:
The owner or operator of a process unit subject to this subpart shall monitor each pump monthly to detect leaks by the method specified in Sec. 63.180(b) of this subpart and shall comply with the requirements of paragraphs (a) through (d) of this section, except as provided in Sec. 63.162(b) of this subpart and paragraphs (e) through (j) of this section.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 82: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 82.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 82.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall monitor each pump in light liquid service monthly to detect leaks by the method specified in 40CFR63.180(b). The instrument reading that defines a leak is 1,000 ppm or greater.

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

Repair is not required unless an instrument reading of 2,000 ppm or greater is detected. This compliance monitoring activity also assures compliance with 6 NYCRR 236.

Reference Test Method: 40 CFR 63.180(b)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 15 days after the reporting period.
The initial report is due 1/15/2002.
Subsequent reports are due every 3 calendar month(s).

Condition 83: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.163(b)(3), Subpart H

Item 83.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 83.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each pump in light liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, that shall constitute a leak.

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

and ensuring that the seal flush is operating at design pressure and temperature.

This compliance monitoring activity also assures compliance with 6 NYCRR Part 236

Reference Test Method: visual
Monitoring Frequency: WEEKLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 15 days after the reporting period.
The initial report is due 1/15/2002.
Subsequent reports are due every 3 calendar month(s).

Condition 84: Pumps in light liquid service - percent leaking pumps calculation
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.163(d)(1), Subpart H

Item 84.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 84.2:
Pursuant to §63.163(d)(4), percent leaking pumps shall be calculated using the following equation:

$\%P_l=((P_l-P_s)/(P_t-P_s))$ X 100

where:
$\%P_l$ = percent leaking pumps
P_l = Number of pumps found leaking as determined through monthly monitoring
P_t = Total pumps in organic HAP service, including those meeting the criteria in 63.163(e) & (f)
P_s = Number of pumps leaking within 1 month of startup during the current monitoring period

Pursuant to §63.163(d)(2) if, calculated on a 6-month rolling average, the greater of 10 percent of the pumps in a process unit or three pumps in a process unit leak, the owner/operator shall implement a quality improvement program for pumps that complies with the requirements of 40CFR63.176.

Pursuant to §63.163(d)(1), the owner/operator shall determine no later than the first monitoring period whether to calculate percent leaking pumps on a process unit basis or on a source-wide basis. Once this has been decided, all subsequent percent calculations shall be made on the same basis.

Pursuant to §63.163(d)(3), the number of pumps at a process unit shall be the sum of all the pumps in organic HAP service, except that pumps found leaking in continuous process until within 1 month after start-up of the pump shall not count in the percent leaking pumps calculation for that one monitoring period only.

Condition 85: Compressor standards - non-detectable emissions option
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.164(i), Subpart H

Item 85.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 85.2:
Any compressor that is designated, as described in 40CFR63.181(b)(2)(ii), to operate with an instrument reading of less than 500 ppm above background, is exempt from the compressor standards listed in 40CFR63.164(a) through (h) if the compressor:

1) is demonstrated to be operating with an instrument reading of less than 500 ppm above background, as measured by the method specified in 63.180(c); and

2) is tested for compliance with the 500 ppm limit initially upon designation, annually, and at other times requested by the Department or the USEPA Administrator.

Condition 86: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.165(d)(2), Subpart H

Item 86.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 86.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (a) and (b) of this section, provided the owner or operator complies with the requirements of paragraph (d)(2) of this section.

(d)(2) After each pressure release, a rupture disk shall be installed upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171 of this Subpart.

This requirement assures compliance with the 6 NYCRR Part 236 standard.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 87: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.166, Subpart H

Item 87.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 87.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each sampling collection system shall be equipped with a closed-purge, closed-loop, or closed-vent system. Gases displaced during filling of the sampling container are not required to be collected or captured.

Each closed-purge, closed-loop, or closed-vent system shall:

1) return the purged process fluid directly to the process line; or
2) collect and recycle the purged process fluid to a process; or

3) be designed and operated to capture and transport the purged process fluid to a control device that complies with the requirements of 40CFR63.172; or
4) collect, store, and transport the purged process fluid to a system or facility identified in 40CFR63.166(b)(4)(i), (ii), or (iii).

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

Condition 88: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 88.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 88.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve that shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 89.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 89.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 90: Standards for open-ended valves with double block and bleed system
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 90.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 90.2:
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 91: Standards for open-ended valves/lines during emergency shutdown
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 91.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 91.2:
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 92: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 92.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 92.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owner/operator shall monitor all valves in gas/vapor service and light liquid service using the method specified in 40CFR63.180(b). An instrument reading of 500 ppm or greater indicates a leak. Owner/operator shall monitor valves at the following intervals:

1) At process units with 2 percent or greater leaking valves, owner/operator shall monitor each valve once per month.

2) At process units with less than 2 percent leaking valves, owner/operator shall monitor each valve once per quarter.

3) At process units with less than 1 percent leaking valves, owner/operator shall monitor each valve once every 2 quarters.

4) At process units with less than 0.5 percent leaking valves, owner/operator shall monitor each valve once every 4 quarters.

Percent leaking valves shall be calculated as follows:

%Vl = (Vl/(Vt+Vc))*100

where:
%Vl = percent leaking valves as determined through periodic monitoring
Vl = number of valves found leaking excluding nonrepairables as provided in 40CFR63.168(e)(3)(i)
Vt = total valves monitored, in a monitoring period excluding valves monitored as required by 63.168(f)(3)
Vc = optional credit for removed valves = 0.67 x net number (total removed - total added) of valves in organic HAP service removed from process unit after the compliance date.

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

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

Quarterly reporting is required in order to comply with 6 NYCRR 236.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: 40 CFR 63.180(b)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 15 days after the reporting period.
The initial report is due 1/15/2002.
Subsequent reports are due every 3 calendar month(s).

Condition 93: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 93.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 93.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a leak is detected in a valve in gas/vapor service or light liquid service, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected. A first attempt at repair shall be made no later than 5 days after the leak is detected and shall include, but are not limited to, the following practices:

1) tightening of bonnet bolts,
2) replacement of bonnet bolts,
3) tightening of packing gland nuts, and
4) injection of lubricant into lubricated packing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 94: Standards for valves in gas/vapor and light liquid service - unsafe-to-monitor valves
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 94.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 94.2:
Any valve that has been designated as unsafe-to-monitor is exempt from the monitoring requirements of 40CFR63.168 if:

1) it is determined that monitoring personnel would be exposed to an immediate danger as a consequence of complying with the monitoring provisions; and

2) there is a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor periods, but not more frequently than the periodic monitoring schedule otherwise applicable.

Condition 95: Standards for valves in gas/vapor and light liquid service - difficult-to-monitor valves
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 95.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 95.2:
Any valve that is designated as a difficult-to-monitor valve is exempt from the monitoring requirements in 40CFR63.168 if:

1) it is determined that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner;

2) the process unit within which the valve is located is an existing source or the owner/operator designates less than 3 percent of the total number of valves in a new source as difficult-to-monitor; and

3) The owner/operator follows a written plan to monitor the valve at least once per calendar year.

Condition 96: Delay of repair - general
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 96.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 96.2:
Delay of repair of equipment for which leaks have been detected is allowed if the repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occur by the end of the next process unit shutdown.

Condition 97: Delay of repair for isolated equipment
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 97.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 97.2:
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 98: Delay of repair - valves, connectors, and agitators
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 98.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 98.2:
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 99: Delay of repair - pumps
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 99.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 99.2:
Delay of repair is allowed for pumps if repair requires replacing the existing seal design with a new system that has been determined under the provisions of 40CFR63.176(d) will provide better performance or:

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

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

Condition 100: Delay of repair beyond process unit shutdown
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 100.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 100.2:
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 101: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 101.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 101.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

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

Connectors shall be monitored at the following frequencies:

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

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

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

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

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

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

where:

Cl = number of connectors, including nonrepairables, measured at 500 ppm or greater
Can = number of allowable nonrepairable connectors, not to exceed 2% of the total connector population
Ct = total number of connectors that were monitored, including nonrepairables, in the process unit
Cc = optional credit for removed connectors = 0.67*net number (total removed-total added) of connectors in organic HAP service removed from the process unit after the compliance date

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: 40 CFR 63.180(b)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 102: Connectors in gas/vapor or light liquid service - provisions for sealed connectors
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.174(c)(1)(i), Subpart H

Item 102.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 102.2:
Each connector that has been opened or has otherwise had the seal broken shall be monitored for leaks when it is reconnected or within the first 3 months after being returned to organic HAP service. If a leak is detected, it shall be repaired according to the provisions in 40CFR63.174(d) or be deemed nonrepairable.

As an alternative, owner/operator may choose not to monitor connectors that have been opened or otherwise had the seal broken. In this case, the connector may not be counted as nonrepairable, but shall be calculated as a leaking connector for all monitoring periods.

Condition 103: Connectors in gas/vapor or light liquid service - screwed

connectors
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.174(c)(2), Subpart H

Item 103.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 103.2:
As an alternative to the monitoring requirements for connectors, each screwed connector that is 2 inches or less in nominal inside diameter may comply with 40CFR63.169 and be monitored for leaks within the first 3 months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If that monitoring detects a leak, it shall be repaired according to the provisions in 40CFR63.174(d).

This applies to screwed connectors that were installed before December 31, 1992 for sources subject to Subparts F or I, or installed before the proposal date of the applicable subpart which references this provision.

Condition 104: Connectors in gas/vapor or light liquid service - unsafe-to-monitor
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 104.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 104.2:
Any connector that is designated as unsafe-to-monitor is exempt from the monitoring requirements for connectors if it is determined that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with this section and there is a written plan that requires monitoring of the connector as frequently as practicable during safe-to-monitor periods but not more frequently than the periodic schedule otherwise applicable.

Condition 105: Connectors in gas/vapor or light liquid service - unsafe-to-repair
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 105.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 105.2:
Any connector that is designated as unsafe-to-repair is exempt from the monitoring and leak repair provisions for connectors if it is determined that repair personnel would be exposed to an immediate danger as a consequence of complying with the repair provisions and the connector will be repaired before the end of the next scheduled process unit shutdown.

Condition 106: Connectors in gas/vapor or light liquid service - inaccessible or ceramic connectors
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.174(h)(1), Subpart H

Item 106.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 106.2:
Any connector that is inaccessible or is ceramic or ceramic-lined is exempt from the monitoring requirements and from the recordkeeping and reporting requirements for connectors. If an inaccessible, ceramic, or ceramic-lined connector is observed by visual, audible, olfactory, or other means to be leaking, the leak shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected. A first attempt at repair shall be made no later than 5 calendar days after detection.

An inaccessible connector is defined in 40CFR63.174(h)(1)(i)-(vi).

Condition 1-19: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.175, Subpart H

Replaces Condition(s) 107

Item 1-19.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 1-19.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) In Phase III, an owner or operator may elect to comply with one of the alternative quality improvement

programs specified in paragraphs (d) and (e) of this section. The decision to use one of these alternative provisions to comply with the requirements of Sec. 63.168(d)(1)(ii) of this subpart must be made during the first year of Phase III for existing process units and for new process units.

(b) An owner or operator of a process unit subject to the requirements of paragraph (d) or (e) of this section shall comply with those requirements until the process unit has fewer than 2 percent leaking valves, calculated as a rolling average of 2 consecutive quarters, as specified in Sec. 63.168(e) of this subpart.

(c) After the process unit has fewer than 2 percent leaking valves, the owner or operator may elect to comply with the requirements in Sec. 63.168 of this subpart, to continue to comply with the requirements in paragraph (e) (or (d), if appropriate) of this section, or comply with both the requirements in Sec. 63.168 and Sec. 63.175.

(1) If the owner or operator elects to continue the quality improvement program, the owner or operator is exempt from the requirements for performance trials as specified in paragraph (e)(6) of this section, or further progress as specified in paragraph (d)(4) of this section, as long as the process unit has fewer than 2 percent leaking valves calculated according to Sec. 63.168(e).

(2) If the owner or operator elects to comply with both paragraph (e) of this section and Sec. 63.168 of this subpart, he may also take advantage of the lower monitoring frequencies associated with lower leak rates in Sec. 63.168 (d)(2), (d)(3), and (d)(4) of this subpart.

(3) If the owner or operator elects not to continue the quality improvement program, the program is no longer an option if the process unit again exceeds 2 percent leaking valves, and in such case, monthly monitoring will be required.

(d) The following requirements shall be met if an owner or operator elects to use a quality improvement program to demonstrate further progress:

(1) The owner or operator shall continue to comply with the requirements in Sec. 63.168 of this subpart except each valve shall be monitored quarterly.

(2) The owner or operator shall collect the following data, and maintain records as required in Sec. 63.181(h)(1) of this subpart, for each valve in each

process unit subject to the quality improvement program:
(i) The maximum instrument reading observed in each monitoring observation before repair, the response factor for the stream if appropriate, the instrument model number, and date of the observation.
(ii) Whether the valve is in gas or light liquid service.
(iii) If a leak is detected, the repair methods used and the instrument readings after repair.
(3) The owner or operator shall continue to collect data on the valves as long as the process unit remains in the quality improvement program.
(4) The owner or operator must demonstrate progress in reducing the percent leaking valves each quarter the process unit is subject to the requirements of paragraph (d) of this section, except as provided in paragraphs (d)(4)(ii) and (d)(4)(iii) of this section.
(i) Demonstration of progress shall mean that for each quarter there is at least a 10-percent reduction in the percent leaking valves from the percent leaking valves determined for the preceding monitoring period. The percent leaking valves shall be calculated as a rolling average of two consecutive quarters of monitoring data. The percent reduction shall be calculated using the rolling average percent leaking valves, according to the following:

%LV(R) = [%LV(AVG1) - %LV(AVG2)] / %LV(AVG1) x 100

where:

%LV(R)=Percent leaking valve reduction.
%LV(AVG1)=[%V(Li) + %V(Li=1)] / 2.
%LV(AVG2)=[%V(Li=1) + %V(Li=2)] / 2.

where:

%V(Li), %V(Li=1), %V(Li=2)

are percent leaking valves calculated for subsequent monitoring periods, i, i+1, i+2.
(ii) An owner or operator who fails for two consecutive rolling averages to demonstrate at least a 10-percent reduction per quarter in percent leaking valves, and whose overall average percent reduction based on two or more

rolling averages is less than 10 percent per quarter, shall either comply with the requirements in Sec. 63.168(d)(1)(i) of this subpart using monthly monitoring or shall comply using a quality improvement program for technology review as specified in paragraph (e) of this section. If the owner or operator elects to comply with the requirements of paragraph (e) of this section, the schedule for performance trials and valve replacements remains as specified in paragraph (e) of this section.
(iii) As an alternative to the provisions in paragraph (d)(4)(i), an owner or operator may use the procedure specified in paragraphs (d)(4)(iii)(A) and (d)(4)(iii)(B) of this section to demonstrate progress in reducing the percent leaking valves.
(A) The percent reduction that must be achieved each quarter shall be calculated as follows:

%RR = percent reduction required each quarter, as calculated according to Sec. 63.168(e)
%V(L) = percent leaking valves, calculated according to Sec. 63.168(e), at the time elected to use provisions of Sec. 63.168(d)(1)(ii)

(B) The owner or operator shall achieve less than 2 percent leaking valves no later than 2 years after electing to use the demonstration of progress provisions in Sec. 63.175(d) of this subpart.
(e) The following requirements shall be met if an owner or operator elects to use a quality improvement program of technology review and improvement:
(1) The owner or operator shall comply with the requirements in Sec. 63.168 of this subpart except the requirement for monthly monitoring in Sec. 63.168(d)(1)(i) of this subpart does not apply.
(2) The owner or operator shall collect the data specified below, and maintain records as required in Sec. 63.181(h)(2), for each valve in each process unit subject to the quality improvement program. The data may be collected and the records may be maintained on a process unit or group of process units basis. The data shall include the following:
(i) Valve type (e.g., ball, gate, check); valve manufacturer; valve design (e.g., external stem or actuating mechanism, flanged body); materials of construction; packing material; and year installed.
(ii) Service characteristics of the stream such as

operating pressure, temperature, line diameter, and corrosivity.
(iii) Whether the valve is in gas or light liquid service.
(iv) The maximum instrument readings observed in each monitoring observation before repair, response factor for the stream if adjusted, instrument model number, and date of the observation.
(v) If a leak is detected, the repair methods used and the instrument readings after repair.
(vi) If the data will be analyzed as part of a larger analysis program involving data from other plants or other types of process units, a description of any maintenance or quality assurance programs used in the process unit that are intended to improve emission performance.
(3) The owner or operator shall continue to collect data on the valves as long as the process unit remains in the quality improvement program.
(4) The owner or operator shall inspect all valves removed from the process unit due to leaks. The inspection shall determine which parts of the valve have failed and shall include recommendations, as appropriate, for design changes or changes in specifications to reduce leak potential.
(5)(i) The owner or operator shall analyze the data collected to comply with the requirements of paragraph (e)(2) of this section to determine the services, operating or maintenance practices, and valve designs or technologies that have poorer than average emission performance and those that have better than average emission performance. The analysis shall determine if specific trouble areas can be identified on the basis of service, operating conditions or maintenance practices, equipment design, or other process specific factors.
(ii) The analysis shall also be used to identify any superior performing valve technologies that are applicable to the service(s), operating conditions, or valve designs associated with poorer than average emission performance. A superior performing valve technology is one for which a group of such valves has a leak frequency of less than 2 percent for specific applications in such a process unit. A candidate superior performing valve technology is one demonstrated or reported in the available literature or through a group study as having low emission performance and as being capable of achieving less than 2 percent leaking valves in the process unit.
(iii) The analysis shall include consideration of:

(A) The data obtained from the inspections of valves removed from the process unit due to leaks,
(B) Information from the available literature and from the experience of other plant sites that will identify valve designs or technologies and operating conditions associated with low emission performance for specific services, and
(C) Information on limitations on the service conditions for the valve design and operating conditions as well as information on maintenance procedures to ensure continued low emission performance.
(iv) The data analysis may be conducted through an inter- or intra-company program (or through some combination of the two approaches) and may be for a single process unit, a company, or a group of process units.
(v) The first analysis of the data shall be completed no later than 18 months after the start of Phase III. The first analysis shall be performed using a minimum of two quarters of data. An analysis of the data shall be done each year the process unit is in the quality improvement program.
(6) A trial evaluation program shall be conducted at each plant site for which the data analysis does not identify superior performing valve designs or technologies that can be applied to the operating conditions and services identified as having poorer than average performance, except as provided in paragraph (e)(6)(v) of this section. The trial program shall be used to evaluate the feasibility of using in the process unit the valve designs or technologies that have been identified by others as having low emission performance.
(i) The trial program shall include on-line trials of valves or operating and maintenance practices that have been identified in the available literature or in analysis by others as having the ability to perform with leak rates below 2 percent in similar services, as having low probability of failure, or as having no external actuating mechanism in contact with the process fluid. If any of the candidate superior performing valve technologies is not included in the performance trials, the reasons for rejecting specific technologies from consideration shall be documented as required in Sec. 63.181(h)(5)(ii) of this subpart.
(ii) The number of valves in the trial evaluation program shall be the lesser of 1 percent or 20 valves for programs involving single process units and the lesser of 1 percent or 50 valves for programs involving groups of process

units.
(iii) The trial evaluation program shall specify and include documentation of:
(A) The candidate superior performing valve designs or technologies to be evaluated, the stages for evaluating the identified candidate valve designs or technologies, including the estimated time period necessary to test the applicability;
(B) The frequency of monitoring or inspection of the equipment;
(C) The range of operating conditions over which the component will be evaluated; and
(D) Conclusions regarding the emission performance and the appropriate operating conditions and services for the trial valves.
(iv) The performance trials shall initially be conducted for, at least, a 6-month period beginning not later than 18 months after the start of Phase III. Not later than 24 months after the start of Phase III, the owner or operator shall have identified valve designs or technologies that, combined with appropriate process, operating, and maintenance practices, operate with low emission performance for specific applications in the process unit. The owner or operator shall continue to conduct performance trials as long as no superior performing design or technology has been identified, except as provided in paragraph (e)(6)(vi) of this section. The compilation of candidate and demonstrated superior emission performance valve designs or technologies shall be amended in the future, as appropriate, as additional information and experience is obtained.
(v) Any plant site with fewer than 400 valves and owned by a corporation with fewer than 100 total employees shall be exempt from trial evaluations of valves. Plant sites exempt from the trial evaluations of valves shall begin the program at the start of the fourth year of Phase III.
(vi) An owner or operator who has conducted performance trials on all candidate superior emission performance technologies suitable for the required applications in the process unit may stop conducting performance trials provided that a superior performing design or technology has been demonstrated or there are no technically feasible candidate superior technologies remaining. The owner or operator shall prepare an engineering evaluation documenting the physical, chemical, or engineering basis for the judgment that the superior emission performance

technology is technically infeasible or demonstrating that it would not reduce emissions.
(7) Each owner or operator who elects to use a quality improvement program for technology review and improvement shall prepare and implement a valve quality assurance program that details purchasing specifications and maintenance procedures for all valves in the process unit. The quality assurance program may establish any number of categories, or classes, of valves as needed to distinguish among operating conditions and services associated with poorer than average emission performance as well as those associated with better than average emission performance. The quality assurance program shall be developed considering the findings of the data analysis required under paragraph (e)(5) of this section, if applicable, the findings of the trial evaluation required in paragraph (e)(6) of this section, and the operating conditions in the process unit. The quality assurance program shall be reviewed and, as appropriate, updated each year as long as the process unit has 2 percent or more leaking valves.
(i) The quality assurance program shall:
(A) Establish minimum design standards for each category of valves. The design standards shall specify known critical parameters such as tolerance, manufacturer, materials of construction, previous usage, or other applicable identified critical parameters;
(B) Require that all equipment orders specify the design standard (or minimum tolerances) for the valve;
(C) Include a written procedure for bench testing of valves that specifies performance criteria for acceptance of valves and specifies criteria for the precision and accuracy of the test apparatus. All valves repaired off-line after preparation of the quality assurance plan shall be bench-tested for leaks. This testing may be conducted by the owner or operator of the process unit, by the vendor, or by a designated representative. The owner or operator shall install only those valves that have been documented through bench-testing to be nonleaking.
(D) Require that all valves repaired on-line be monitored using the method specified in Sec. 63.180(b) of this subpart for leaks for 2 successive months, after repair.
(E) Provide for an audit procedure for quality control of purchased equipment to ensure conformance with purchase specifications. The audit program may be conducted by the owner or operator of the process unit or by a designated

representative.
(F) Detail off-line valve maintenance and repair procedures. These procedures shall include provisions to ensure that rebuilt or refurbished valves will meet the design specifications for the valve type and will operate such that emissions are minimized.
(ii) The quality assurance program shall be established no later than the start of the third year of Phase III for plant sites with 400 or more valves or owned by a corporation with 100 or more employees; and no later than the start of the fourth year of Phase III for plant sites with less than 400 valves and owned by a corporation with less than 100 employees.
(8) Beginning at the start of the third year of Phase III for plant sites with 400 or more valves or owned by a corporation with 100 or more employees and at the start of the fourth year of Phase III for plant sites with less than 400 valves and owned by a corporation with less than 100 employees, each valve that is replaced for any reason shall be replaced with a new or modified valve that complies with the quality assurance standards for the valve category and that is identified as superior emission performance technology. Superior emission performance technology means valves or valve technologies identified with emission performance that, combined with appropriate process, operating, and maintenance practices, will result in less than 2 percent leaking valves for specific applications in a large population, except as provided in paragraph (e)(8)(ii) of this section.
(i) The valves shall be maintained as specified in the quality assurance program.
(ii) If a superior emission performance technology cannot be identified, then valve replacement shall be with one of (if several) the lowest emission performance technologies that has been identified for the specific application.

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

Condition 108: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.176, Subpart H

Item 108.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 108.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) In Phase III, if, on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit (or plant site) or three pumps in a process unit (or plant site) leak, the owner or operator shall comply with the requirements of this section as specified below:
(1) Pumps that are in food/medical service or in polymerizing monomer service shall comply with all requirements except for those specified in paragraph (d)(8) of this section.
(2) Pumps that are not in food/medical or polymerizing monomer service shall comply with all requirements of this section.
(b) The owner or operator shall comply with the requirements of this section until the number of leaking pumps is less than the greater of either 10 percent of the pumps or three pumps, calculated as a 6-month rolling average, in the process unit (or plant site). Once the performance level is achieved, the owner or operator shall comply with the requirements in Sec. 63.163 of this subpart.
(c) If in a subsequent monitoring period, the process unit (or plant site) has greater than 10 percent of the pumps leaking or three pumps leaking (calculated as a 6-month rolling average), the owner or operator shall resume the quality improvement program starting at performance trials.
(d) The quality improvement program shall include the following:
(1) The owner or operator shall comply with the requirements in Sec. 63.163 of this subpart.
(2) The owner or operator shall collect the following data, and maintain records as required in Sec.

63.181(h)(3), for each pump in each process unit (or plant site) subject to the quality improvement program. The data may be collected and the records may be maintained on a process unit or plant site basis.
(i) Pump type (e.g., piston, horizontal or vertical centrifugal, gear, bellows); pump manufacturer; seal type and manufacturer; pump design (e.g., external shaft, flanged body); materials of construction; if applicable, barrier fluid or packing material; and year installed.
(ii) Service characteristics of the stream such as discharge pressure, temperature, flow rate, corrosivity, and annual operating hours.
(iii) The maximum instrument readings observed in each monitoring observation before repair, response factor for the stream if appropriate, instrument model number, and date of the observation.
(iv) If a leak is detected, the repair methods used and the instrument readings after repair.
(v) If the data will be analyzed as part of a larger analysis program involving data from other plants or other types of process units, a description of any maintenance or quality assurance programs used in the process unit that are intended to improve emission performance.
(3) The owner or operator shall continue to collect data on the pumps as long as the process unit (or plant site) remains in the quality improvement program.
(4) The owner or operator shall inspect all pumps or pump seals which exhibited frequent seal failures and were removed from the process unit due to leaks. The inspection shall determine the probable cause of the pump seal failure or of the pump leak and shall include recommendations, as appropriate, for design changes or changes in specifications to reduce leak potential.
(5)(i) The owner or operator shall analyze the data collected to comply with the requirements of paragraph (d)(2) of this section to determine the services, operating or maintenance practices, and pump or pump seal designs or technologies that have poorer than average emission performance and those that have better than average emission performance. The analysis shall determine if specific trouble areas can be identified on the basis of service, operating conditions or maintenance practices, equipment design, or other process specific factors.
(ii) The analysis shall also be used to determine if there are superior performing pump or pump seal technologies

that are applicable to the service(s), operating conditions, or pump or pump seal designs associated with poorer than average emission performance. A superior performing pump or pump seal technology is one with a leak frequency of less than 10 percent for specific applications in the process unit or plant site. A candidate superior performing pump or pump seal technology is one demonstrated or reported in the available literature or through a group study as having low emission performance and as being capable of achieving less than 10 percent leaking pumps in the process unit (or plant site).

(iii) The analysis shall include consideration of:

(A) The data obtained from the inspections of pumps and pump seals removed from the process unit due to leaks;

(B) Information from the available literature and from the experience of other plant sites that will identify pump designs or technologies and operating conditions associated with low emission performance for specific services; and

(C) Information on limitations on the service conditions for the pump seal technology operating conditions as well as information on maintenance procedures to ensure continued low emission performance.

(iv) The data analysis may be conducted through an inter- or intra- company program (or through some combination of the two approaches) and may be for a single process unit, a plant site, a company, or a group of process units.

(v) The first analysis of the data shall be completed no later than 18 months after the start of the quality improvement program. The first analysis shall be performed using a minimum of 6 months of data. An analysis of the data shall be done each year the process unit is in the quality improvement program.

(6) A trial evaluation program shall be conducted at each plant site for which the data analysis does not identify use of superior performing pump seal technology or pumps that can be applied to the areas identified as having poorer than average performance, except as provided in paragraph (d)(6)(v) of this section. The trial program shall be used to evaluate the feasibility of using in the process unit (or plant site) the pump designs or seal technologies, and operating and maintenance practices that have been identified by others as having low emission performance.

(i) The trial program shall include on-line trials of pump

seal technologies or pump designs and operating and maintenance practices that have been identified in the available literature or in analysis by others as having the ability to perform with leak rates below 10 percent in similar services, as having low probability of failure, or as having no external actuating mechanism in contact with the process fluid. If any of the candidate superior performing pump seal technologies or pumps is not included in the performance trials, the reasons for rejecting specific technologies from consideration shall be documented as required in Sec. 63.181(h)(5)(ii).
(ii) The number of pump seal technologies or pumps in the trial evaluation program shall be the lesser of 1 percent or two pumps for programs involving single process units and the lesser of 1 percent or five pumps for programs involving a plant site or groups of process units. The minimum number of pumps or pump seal technologies in a trial program shall be one.
(iii) The trial evaluation program shall specify and include documentation of:
(A) The candidate superior performing pump seal designs or technologies to be evaluated, the stages for evaluating the identified candidate pump designs or pump seal technologies, including the time period necessary to test the applicability;
(B) The frequency of monitoring or inspection of the equipment;
(C) The range of operating conditions over which the component will be evaluated; and
(D) Conclusions regarding the emission performance and the appropriate operating conditions and services for the trial pump seal technologies or pumps.
(iv) The performance trials shall initially be conducted, at least, for a 6-month period beginning not later than 18 months after the start of the quality improvement program. No later than 24 months after the start of the quality improvement program, the owner or operator shall have identified pump seal technologies or pump designs that, combined with appropriate process, operating, and maintenance practices, operate with low emission performance for specific applications in the process unit. The owner or operator shall continue to conduct performance trials as long as no superior performing design or technology has been identified, except as provided in paragraph (d)(6)(vi) of this section. The initial list of superior emission performance pump designs or pump seal technologies shall be amended in the future,

as appropriate, as
additional information and experience is obtained.
(v) Any plant site with fewer than 400 valves and owned by a corporation with fewer than 100 employees shall be exempt from trial evaluations of pump seals or pump designs. Plant sites exempt from the trial evaluations of pumps shall begin the pump seal or pump replacement program at the start of the fourth year of the quality improvement program.
(vi) An owner or operator who has conducted performance trials on all alternative superior emission performance technologies suitable for the required applications in the process unit may stop conducting performance trials provided that a superior performing design or technology has been demonstrated or there are no technically feasible alternative superior technologies remaining. The owner or operator shall prepare an engineering evaluation documenting the physical, chemical, or engineering basis for the judgment that the superior emission performance technology is technically infeasible or demonstrating that it would not reduce emissions.
(7) Each owner or operator shall prepare and implement a pump quality assurance program that details purchasing specifications and maintenance procedures for all pumps and pump seals in the process unit. The quality assurance program may establish any number of categories, or classes, of pumps as needed to distinguish among operating conditions and services associated with poorer than average emission performance as well as those associated with better than average emission performance. The quality assurance program shall be developed considering the findings of the data analysis required under paragraph (d)(5) of this section, if applicable, the findings of the trial evaluation required in paragraph (d)(6) of this section, and the operating conditions in the process unit. The quality assurance program shall be updated each year as long as the process unit has the greater of either 10 percent or more leaking pumps or has three leaking pumps.
(i) The quality assurance program shall:
(A) Establish minimum design standards for each category of pumps or pump seal technology. The design standards shall specify known critical parameters such as tolerance, manufacturer, materials of construction, previous usage, or other applicable identified critical parameters;
(B) Require that all equipment orders specify the design standard (or minimum tolerances) for the pump or the pump

seal;
(C) Provide for an audit procedure for quality control of purchased equipment to ensure conformance with purchase specifications. The audit program may be conducted by the owner or operator of the plant site or process unit or by a designated representative; and
(D) Detail off-line pump maintenance and repair procedures. These procedures shall include provisions to ensure that rebuilt or refurbished pumps and pump seals will meet the design specifications for the pump category and will operate such that emissions are minimized.
(ii) The quality assurance program shall be established no later than the start of the third year of the quality improvement program for plant sites with 400 or more valves or 100 or more employees; and no later than the start of the fourth year of the quality improvement program for plant sites with less than 400 valves and less than 100 employees.
(8) Beginning at the start of the third year of the quality improvement program for plant sites with 400 or more valves or 100 or more employees and at the start of the fourth year of the quality improvement program for plant sites with less than 400 valves and less than 100 employees, the owner or operator shall replace, as described in paragraphs (d)(8)(i) and (d)(8)(ii) of this section, the pumps or pump seals that are not superior emission performance technology with pumps or pump seals that have been identified as superior emission performance technology and that comply with the quality assurance standards for the pump category. Superior emission performance technology is that category or design of pumps or pump seals with emission performance which, when combined with appropriate process, operating, and maintenance practices, will result in less than 10 percent leaking pumps for specific applications in the process unit or plant site. Superior emission performance technology includes material or design changes to the existing pump, pump seal, seal support system, installation of multiple mechanical seals or equivalent, or pump replacement.
(i) Pumps or pump seals shall be replaced at the rate of 20 percent per year based on the total number of pumps in light liquid service. The calculated value shall be rounded to the nearest nonzero integer value. The minimum number of pumps or pump seals shall be one. Pump replacement shall continue until all pumps subject to the requirements of Sec. 63.163 of this subpart are pumps

determined to be superior performance technology.
(ii) The owner or operator may delay replacement of pump seals or pumps with superior technology until the next planned process unit shutdown, provided the number of pump seals and pumps replaced is equivalent to the 20 percent or greater annual replacement rate.
(iii) The pumps shall be maintained as specified in the quality assurance program.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-20: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.180, Subpart H

Replaces Condition(s) 109

Item 1-20.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 1-20.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Each owner or operator subject to the provisions of this subpart shall comply with the test methods and procedures requirements provided in this section.
(b) Monitoring, as required under this subpart, shall comply with the following requirements:
(1) Monitoring shall comply with Method 21 of 40 CFR part 60, appendix A.
(2)(i) Except as provided for in paragraph (b)(2)(ii) of this section, the detection instrument shall meet the performance criteria of Method 21 of 40 CFR part 60, appendix A, except the instrument response factor criteria

in Section 3.1.2(a) of Method 21 shall be for the average composition of the process fluid not each individual VOC in the stream. For process streams that contain nitrogen, water, air, or other inerts which are not organic HAP's or VOC's, the average stream response factor may be calculated on an inert-free basis. The response factor may be determined at any concentration for which monitoring for leaks will be conducted.
(ii) If no instrument is available at the plant site that will meet the performance criteria specified in paragraph (b)(2)(i) of this section, the instrument readings may be adjusted by multiplying by the average response factor of the process fluid, calculated on an inert-free basis as described in paragraph (b)(2)(i) of this section.
(3) The instrument shall be calibrated before use on each day of its use by the procedures specified in Method 21 of 40 CFR part 60, appendix A.
(4) Calibration gases shall be:
(i) Zero air (less than 10 parts per million of hydrocarbon in air); and
(ii) Mixtures of methane in air at the concentrations specified in paragraphs (b)(4)(ii)(A) through (b)(4)(ii)(C) of this section. A calibration gas other than methane in air may be used if the instrument does not respond to methane or if the instrument does not meet the performance criteria specified in paragraph (b)(2)(i) of this section. In such cases, the calibration gas may be a mixture of one or more of the compounds to be measured in air.
(A) For Phase I, a mixture of methane or other compounds, as applicable, in air at a concentration of approximately, but less than, 10,000 parts per million.
(B) For Phase II, a mixture of methane or other compounds, as applicable, and air at a concentration of approximately, but less than, 10,000 parts per million for agitators, 5,000 parts per million for pumps, and 500 parts per million for all other equipment, except as provided in paragraph (b)(4)(iii) of this section.
(C) For Phase III, a mixture of methane or other compounds, as applicable, and air at a concentration of approximately, but less than, 10,000 parts per million methane for agitators; 2,000 parts per million for pumps in food/medical service; 5,000 parts per million for pumps in polymerizing monomer service; 1,000 parts per million for all other pumps; and 500 parts per million for all other equipment, except as provided in paragraph (b)(4)(iii) of this section.

(iii) The instrument may be calibrated at a higher methane concentration than the concentration specified for that piece of equipment. The concentration of the calibration gas may exceed the concentration specified as a leak by no more than 2,000 parts per million. If the monitoring instrument's design allows for multiple calibration scales, then the lower scale shall be calibrated with a calibration gas that is no higher than 2,000 parts per million above the concentration specified as a leak and the highest scale shall be calibrated with a calibration gas that is approximately equal to 10,000 parts per million. If only one scale on an instrument will be used during monitoring, the owner or operator need not calibrate the scales that will not be used during that day's monitoring.
(5) Monitoring shall be performed when the equipment is in organic HAP service, in use with an acceptable surrogate volatile organic compound which is not an organic HAP, or is in use with any other detectable gas or vapor.
(6) Monitoring data that do not meet the criteria specified in paragraphs (b)(1) through (b)(5) of this section may be used to qualify for less frequent monitoring under the provisions in Sec. 63.168(d)(2) and (d)(3) or Sec. 63.174(b)(3)(ii) or (b)(3)(iii) of this subpart provided the data meet the conditions specified in paragraphs (b)(6)(i) and (b)(6)(ii) of this section.
(i) The data were obtained before April 22, 1994.
(ii) The departures from the criteria specified in paragraphs (b)(1) through (b)(5) of this section or from the specified monitoring frequency of Sec. 63.168(c) are minor and do not significantly affect the quality of the data. Examples of minor departures are monitoring at a slightly different frequency (such as every six weeks instead of monthly or quarterly), following the performance criteria of section 3.1.2(a) of Method 21 of appendix A of 40 CFR part 60 instead of paragraph (b)(2) of this section, or monitoring at a different leak definition if the data would indicate the presence or absence of a leak at the concentration specified in this subpart. Failure to use a calibrated instrument is not considered a minor departure.
(c) When equipment is monitored for compliance as required in Secs. 63.164(i), 63.165(a),
and 63.172(f) or when equipment subject to a leak definition of 500 ppm is monitored for leaks as required by this subpart, the owner or operator may elect to adjust or not to adjust the instrument readings for background.

If an owner or operator elects to not adjust instrument readings for background, the owner or operator shall monitor the equipment according to the procedures specified in paragraphs (b)(1) through (b)(4) of this section. In such case, all instrument readings shall be compared directly to the applicable leak definition to determine whether there is a leak. If an owner or operator elects to adjust instrument readings for background, the owner or operator shall monitor the equipment according to the procedures
specified in paragraphs (c)(1) through (c)(4) of this section.
(1) The requirements of paragraphs (b) (1) through (4) of this section shall apply.
(2) The background level shall be determined, using the same procedures that will be used to determine whether the equipment is leaking.
(3) The instrument probe shall be traversed around all potential leak interfaces as close to the interface as possible as described in Method 21 of 40 CFR part 60, appendix A.
(4) The arithmetic difference between the maximum concentration indicated by the instrument and the background level is compared with 500 parts per million for determining compliance.
(d)(1) Each piece of equipment within a process unit that can reasonably be expected to contain equipment in organic HAP service is presumed to be in organic HAP service unless an owner or operator demonstrates that the piece of equipment is not in organic HAP service. For a piece of equipment to be considered not in organic HAP service, it must be determined that the percent organic HAP content can be reasonably expected not to exceed 5 percent by weight on an annual average basis. For purposes of determining the percent organic HAP content of the process fluid that is contained in or contacts equipment, Method 18 of 40 CFR part 60, appendix A shall be used.
(2)(i) An owner or operator may use good engineering judgment rather than the procedures in paragraph (d)(1) of this section to determine that the percent organic HAP content does not exceed 5 percent by weight. When an owner or operator and the Administrator do not agree on whether a piece of equipment is not in organic HAP service, however, the procedures in paragraph (d)(1) of this section shall be used to resolve the disagreement.
(ii) Conversely, the owner or operator may determine that the organic HAP content of the process fluid does not

exceed 5 percent by weight by, for example, accounting for 98 percent of the content and showing that organic HAP is less than 3 percent.
(3) If an owner or operator determines that a piece of equipment is in organic HAP service, the determination can be revised after following the procedures in paragraph (d)(1) of this section, or by documenting that a change in the process or raw materials no longer causes the equipment to be in organic HAP service.
(4) Samples used in determining the percent organic HAP content shall be representative of the process fluid that is contained in or contacts the equipment.
(e) When a flare is used to comply with Sec. 63.172(d) of this subpart, the compliance determination shall be conducted using Method 22 of 40 CFR part 60, appendix A to determine visible emissions.
(f) The following procedures shall be used to pressure test batch product-process equipment for pressure or vacuum loss to demonstrate compliance with the requirements of Sec. 63.178(b)(3)(i) of this subpart.
(1) The batch product-process equipment train shall be pressurized with a gas to a pressure less than the set pressure of any safety relief devices or valves or to a pressure slightly above the operating pressure of the equipment, or alternatively, the equipment shall be placed under a vacuum.
(2) Once the test pressure is obtained, the gas source or vacuum source shall be shut off.
(3) The test shall continue for not less than 15 minutes unless it can be determined in a shorter period of time that the allowable rate of pressure drop or of pressure rise was exceeded. The pressure in the batch product-process equipment shall be measured after the gas or vacuum source is shut off and at the end of the test period. The rate of change in pressure in the batch product-process equipment shall be calculated using the following equation:

Delta (P/t) = [|P(f) - P(i)|] / [t(f) - t(i)]

where:

Delta (P/t) = Change in pressure, psig/hr.
P(f) = Final pressure, psig.
P(i) = Initial pressure, psig.
t(f) - t(i) = Elapsed time, hours.

(4) The pressure shall be measured using a pressure measurement device (gauge, manometer, or equivalent) which has a precision of <plus-minus>2.5 millimeter mercury in the range of test pressure and is capable of measuring pressures up to the relief set pressure of the pressure relief device. If such a pressure measurement device is not reasonably available, the owner or operator shall use a pressure measurement device with a precision of at least +10 percent of the test pressure of the equipment and shall extend the duration of the test for the time necessary to detect a pressure loss or rise that equals a rate of one psig per hour.
(5) An alternative procedure may be used for leak testing the equipment if the owner or operator demonstrates the alternative procedure is capable of detecting a pressure loss or rise.
(g) The following procedures shall be used to pressure-test batch product-process equipment using a liquid to demonstrate compliance with the requirements of Sec. 63.178(b)(3)(ii) of this subpart.
(1) The batch product-process equipment train, or section of the train, shall be filled with the test liquid (e.g., water, alcohol) until normal operating pressure is obtained. Once the equipment is filled, the liquid source shall be shut off.
(2) The test shall be conducted for a period of at least 60 minutes, unless it can be determined in a shorter period of time that the test is a failure.
(3) Each seal in the equipment being tested shall be inspected for indications of liquid dripping or other indications of fluid loss. If there are any indications of liquids dripping or of fluid loss, a leak is detected.
(4) An alternative procedure may be used for leak testing the equipment, if the owner or operator demonstrates the alternative procedure is capable of detecting losses of fluid.

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

Condition 110: General recordkeeping requirements

Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 110.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 110.2:
All records and information required shall be maintained in a manner that can be readily accessed at the plant site.

Condition 111: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 111.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 111.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following records shall be kept for each process unit subject to Subpart H:

1) A list of identification numbers for equipment (except for connectors exempt from monitoring and recordkeeping and for instrumentation systems). Connectors need not be identified individually if all connectors in a given length of pipe are identified as a group, and the number of connectors is indicated.

2) A schedule by process unit for monitoring connectors in gas/vapor or light liquid service and valves in gas/vapor or light liquid service.

3) A plant site map, log entries, or some identification for equipment that is in organic HAP service.

4) A list of identification numbers for equipment that is equipped with a closed-vent system and control device, under the provisions of 40CFR63.163(g), 164(h), 165(c), or 173(f).

5) A list of identification numbers for compressors that are designated as operating with an instrument reading of less than 500 ppm above background.

6) A list of identification numbers for pressure relief devices in gas/vapor service.

7) A list of identification numbers for pressure relief devices equipped with rupture disks.

8) Identification of instrumentation systems subject to leak detection and repair provisions.

9) Identification of screwed connectors subject to 40CFR63.174(c)(2). This can be by area or grouping as long as the total number within each group is recorded.

10) For each dual mechanical seal system, the design criteria required in 40CFR63.163(e)(6)(i), 164(e)(2), and 173(d)(6)(i), an explanation of the design criteria, and any changes to these criteria and reasons for the changes.

11) Identification of all equipment designated as unsafe to monitor, difficult to monitor, unsafe to inspect, and the plan for monitoring or inspecting this equipment.

12) A list of identification numbers for the equipment designated as difficult to monitor, an explanation of why the equipment is difficult to monitor, and the planned schedule for monitoring this equipment.

13) A list of identification numbers for connectors that are designated as unsafe to rep[air and an explanation why the connector is unsafe to repair.

14) A list of valves removed from and added to the process unit if used in the percent leaking valves calculation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 112: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 112.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 112.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For visual inspections of equipment that are done in order to comply with provisions in this subpart, the owner/operator shall document that the inspection was conducted and the date of the inspection. These records shall be kept for 2 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 113.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 113.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When each leak is detected as specified in 40CFR63.163, 164, 168, 169, 172, 173, and 174, the following information shall be recorded and kept for 2 years:

1) The instrument and the equipment identification number
2) The operator name, initials, or identification number
3) The date the leak was detected
4) The date of first attempt at repair
5) The date of successful repair of the leak.
6) Maximum instrument reading measured by Method 21 after it is successfully repaired or determined to be nonrepairable.
7) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days. If the reason for the delay is because of depletion of stocked parts, there must be documentation that the spare parts were sufficiently stocked on-site before depletion and the reason for depletion.
8) Dates of process unit shutdowns that occur while the equipment is unrepaired.
9) Identification of connectors that have been opened or otherwise had the seal broken since the last monitoring period.
10) Copies of all periodic reports, if records are not maintained on a computerized database capable of generating summary reports from the records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 114.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

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

Item 114.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall keep the dates and results of each compliance test required for compressors and pressure relief devices in gas/vapor service which are subject to a monitoring threshold of 500 ppm above background concentration. The results shall include the background level measured during each compliance test and the maximum instrument reading measured at each piece of equipment during each compliance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 115.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: EQL

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 115.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each owner or operator of a process unit subject to the requirements of Secs. 63.175 and 63.176 of this subpart shall maintain the records specified in paragraphs (h)(1) through (h)(9) of this section for the period of the quality improvement program for the process unit.
(1) For owners or operators who elect to use a reasonable further progress quality improvement program, as specified in Sec. 63.175(d) of this subpart:
(i) All data required in Sec. 63.175(d)(2) of this subpart.
(ii) The percent leaking valves observed each quarter and the rolling average percent reduction observed in each quarter.
(iii) The beginning and ending dates while meeting the requirements of Sec. 63.175(d) of this subpart.
(2) For owners or operators who elect to use a quality improvement program of technology review and improvement, as specified in Sec. 63.175(e) of this subpart:
(i) All data required in Sec. 63.175(e)(2) of this subpart.
(ii) The percent leaking valves observed each quarter.
(iii) Documentation of all inspections conducted under the requirements of Sec. 63.175(e)(4) of this subpart, and any recommendations for design or specification changes to reduce leak frequency.
(iv) The beginning and ending dates while meeting the requirements of Sec. 63.175(e) of this subpart.
(3) For owners or operators subject to the requirements of the pump quality improvement program as specified in Sec. 63.176 of this subpart:
(i) All data required in Sec. 63.176(d)(2) of this subpart.
(ii) The rolling average percent leaking pumps.
(iii) Documentation of all inspections conducted under the requirements of Sec. 63.176(d)(4) of this subpart, and any recommendations for design or specification changes to reduce leak frequency.

(iv) The beginning and ending dates while meeting the requirements of Sec. 63.176(d) of this subpart.
(4) If a leak is not repaired within 15 calendar days after discovery of the leak, the reason for the delay and the expected date of successful repair.
(5) Records of all analyses required in Secs. 63.175(e) and 63.176(d) of this subpart. The records will include the following:
(i) A list identifying areas associated with poorer than average performance and the associated service characteristics of the stream, the operating conditions and maintenance practices.
(ii) The reasons for rejecting specific candidate superior emission performing valve or pump technology from performance trials.
(iii) The list of candidate superior emission performing valve or pump technologies, and documentation of the performance trial program items required under Secs. 63.175(e)(6)(iii) and 63.176(d)(6)(iii) of this subpart.
(iv) The beginning date and duration of performance trials of each candidate superior emission performing technology.
(6) All records documenting the quality assurance program for valves or pumps as specified in Secs. 63.175(e)(7) and 63.176(d)(7) of this subpart.
(7) Records indicating that all valves or pumps replaced or modified during the period of the quality improvement program are in compliance with the quality assurance requirements in
Sec. 63.175(e)(7) and Sec. 63.176(d)(7) of this subpart.
(8) Records documenting compliance with the 20 percent or greater annual replacement rate for pumps as specified in Sec. 63.176(d)(8) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Reporting requirements - periodic reports
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.182(d), Subpart H

Item 116.1:
This Condition applies to Emission Unit: C-27018
Process: EQL

Item 116.2:
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 3-3: Compliance Certification
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 3-3.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: FRP

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

Item 3-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The venturi water flow (ES-GF1C3) is monitored only when in the fines reuse mode to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5.2 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 117: Delay of repair provisions for heat exchange systems
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.104, Subpart F

Item 117.1:
This Condition applies to Emission Unit: C-27018
Process: HWW

Item 117.2:
Delay of repair is allowed for heat exchanger system leaks in the following situations:

1) If the equipment that is isolated from the process, or
2) If the repair is technically infeasible without a shutdown, and one of the following is true:
a) A shutdown is expected within two months after the delay of repair is determined to be necessary. Repair may be delayed until that shutdown.
b) A shutdown is not expected within the next two months and a shutdown to repair the leaking equipment would result in greater emissions than delaying repair. In this case the owner/operator shall document the items listed in 63.104(e)(2)(i)(A) and (B) and delay the repair until the next shutdown.
c) A shutdown is not expected within the next two months and the owner/operator does not determine that the shutdown would result in greater emissions than a delay of repair. The owner/operator may delay the repair for 120 days. The owner/owner shall demonstrate that the necessary parts or personnel were not available

The owner/operator shall submit the following in the next semiannual report:

1) the presence of a leak and the date the leak was detected
2) whether the leak has been repaired

3) the reason(s) for the delay of repair
4) the expected date of repair if not repaired
5) the date of successful repair of the leak

Condition 118: Provisions for handling leaks found in heat exchanger coolant
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.104, Subpart F

Item 118.1:
This Condition applies to Emission Unit: C-27018
Process: HWW

Item 118.2:
If a leak is detected, it shall be repaired as soon as practical but not later than 45 calendar days after the owner/operator is notified of the results indicating a leak. The owner/operator shall confirm the repair within 7 days of the repair or startup, whichever is later.

The owner/operator shall retain the following records:
- records of any leaks detected
- monitoring data indicating the presence of a leak
- date(s) of the leak's detection
- date(s) of efforts to repair leak(s)
- method and date of confirmation of leak(s)

Condition 119: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.104, Subpart F

Item 119.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: HWW

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

Item 119.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall develop a monitoring plan that documents the procedures to be used to detect leaks. The plan shall require monitoring of at least one surrogate

indicator or at least one process parameter that indicates a leak in the heat exchange system. Examples of acceptable surrogate indicators include ion specific electrode monitoring, pH, conductivity, or other representative indicators. The plan shall include:

- A description of the parameter or condition and how it will indicate a leak.
- The parameter level(s) or condition(s) that constitutes a leak.
- The monitoring frequency (monthly for the first 6 months and then quarterly)
- The records that will be kept to document compliance

The owner/operator shall revise the plan within 180 days if a leak is identified by a method not in the plan and the methods in the plan could not detect the leak. The plan shall be maintained on-site and be readily accessible within 2 hours after a request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 120: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.104, Subpart F

Item 120.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: HWW

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

Item 120.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The cooling water shall be monitored for total HAPs, total VOCs, TOC, one or more speciated HAPs, or any other representative substances that would indicate the presence of a leak. The cooling water shall be monitored monthly for the first six months and quarterly thereafter.

The concentration of the monitored parameter can be measured using any method listed in 40 CFR Part 136 with the ability to measure as low as 10 ppm. The samples shall be collected at the entrance and exit of the cooling water into the heat exchange system. The average entrance and exit concentrations shall be calculated from at least 3 samples. A leak is detected if the exit mean concentration is greater than the entrance mean concentration using a one-sided statistical procedure at the 0.05 level of significance and it is greater by more than 1 ppm or 10%, whichever is greater.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 121: Performance testing timeline.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(a), NSPS Subpart A

Item 121.1:
This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 121.2:
Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 122: Performance test methods.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 122.1:

This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 122.2:
Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 123: Required performance test information.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(c), NSPS Subpart A

Item 123.1:
This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 123.2:
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 124: Prior notice.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(d), NSPS Subpart A

Item 124.1:
This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 124.2:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 125: Performance testing facilities.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(e), NSPS Subpart A

Item 125.1:
This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 125.2:
The following performance testing facilities shall be provided during all tests:

1) sampling ports adequate for tests methods applicable to such facility;

2) a safe sampling platform;

3) a safe access to the sampling platform; and

4) utilities for sampling and testing equipment.

Condition 126: Number of required tests.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.8(f), NSPS Subpart A

Item 126.1:
This Condition applies to Emission Unit: C-27018
Process: LBD Emission Source: IB365

Item 126.2:
Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 127: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.702(a), NSPS Subpart RRR

Item 127.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: LBD Emission Source: IB365

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 127.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The permittee shall reduce emissions of TOC (less methane and ethane) by 98 weight-percent, or to a TOC (less methane and ethane) concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen, whichever is less stringent.

An initial performance test as required by the NSPS

General Provisions (40 CFR º60.8) has already been performed. For any future performance test, the permittee must follow the methods and procedures in 40 CFR 60.704 as appropriate. That section specifies EPA Method 1 or 1A for selection of the sampling site(s); Method 2, 2A, 2C, or 2D for gas volumetric flowrate; Method 3B for oxygen concentration; and Method 18 for TOC concentration. It also specifies the sampling times and methods for calculating emissions and emission reductions.

For purposes of complying with the 98 weight-percent reduction in 60.702(a), if the vent stream entering a boiler or process heater with a design capacity less than 44 MW (150 million Btu/hour) is introduced with the combustion air or as secondary fuel, the weight-percent reduction of TOC (minus methane and ethane) across the combustion device shall be determined by comparing the TOC (minus methane and ethane) in all combusted vent streams, primary fuels, and secondary fuels with the TOC (minus methane and ethane) exiting the combustion device. For the purpose of demonstrating compliance with 60.702, all affected facilities shall be run at full operating conditions and flow rates during any performance test.

Continuing compliance will be determined by monitoring vent stream flow and boiler/incinerator temperature per 40 CFR 60.703(c). Monitoring records shall be maintained and reported according to 40 CFR 60.705 as described in the permit condition citing that section.

Parameter Monitored: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)
Lower Permit Limit: 98 percent by weight
Reference Test Method: Methods 1-3 & 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 128: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.703(c), NSPS Subpart RRR

Item 128.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: LBD Emission Source: IB365

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 128.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee shall install, calibrate, maintain and operate according to the manufacturer's specifications a flow indicator that provides a record of vent stream flow to the incinerators at least once every 15 minutes for each affected facility. The flow indicator shall be installed at the entrance to any bypass line that could divert the vent stream from being routed to the boiler or process heater, resulting in its emission to the atmosphere.

The permittee shall also install, calibrate, maintain and operate according to the manufacturer's specifications a temperature monitoring device in the firebox equipped with a continuous recorder and having an accuracy of ±1 percent of the temperature being monitored expressed in degrees Celsius or
±0.5 °C, whichever is greater. Any vent stream introduced with primary fuel into a boiler or process heater is exempt from this requirement.

Monitoring Frequency: FOUR TIMES PER HOUR
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 129: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.705(r), NSPS Subpart RRR

Item 129.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MCR

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 129.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator whose reactor process vent stream is routed to a distillation unit subject to Subpart NNN and who seeks to demonstrate compliance with 40 CFR 60.700(c)(5) shall submit to the administrator a process design description as part of the initial report. No other records or reports would be required unless process changes are made.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 130: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.113, Subpart G

Item 130.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MCS

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:
(c) Halogenated vent streams from Group 1 process vents that are combusted shall be controlled according to paragraph (c)(1) of this section.
(1) If a combustion device is used to comply with paragraph (a)(2) of this section for a halogenated vent

stream, then the gas stream exiting the combustion device shall be conveyed to a halogen reduction device, such as a scrubber, before it is discharged to the atmosphere.
(i)
(ii) If a scrubber or other halogen reduction device was installed prior to December 31, 1992, the device shall reduce overall emissions of hydrogen halides and halogens, as defined in § 63.111 of this subpart, by 95 percent or shall reduce the outlet mass of total hydrogen halides and halogens to less than 0.45 kilograms per hour, whichever is less stringent.

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

Condition 131: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.113(a)(2), Subpart G

Item 131.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MCS

Item 131.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The owner /operator of a Group 1 process vent shall reduce emissions of total OHAP by 98% by weight or to a concentration of 20 ppm by volume whichever is less stringent. If a control device is used to comply wit this requirement, the owner /operator shall use Method 18 as described in §63.116(c) in order to demonstrate compliance with the emissions reduction requirement.

Parameter Monitored: HAP
Lower Permit Limit: 98 percent reduction by weight
Reference Test Method: 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 132: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114, Subpart G

Item 132.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MCS

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

Item 132.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart.
(1)
(2)
(3)
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow. Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.
(b)
(c)
(d)
(e) The owner or operator shall establish a range that

indicates proper operation of the control or recovery device for each parameter monitored under paragraphs (a), (b), and (c) of this section. In order to establish the range, the information required in § 63.152(b) of this subpart shall be submitted in the Notification of Compliance Status or the operating permit application or amendment. The range may be based upon a prior performance test conducted for determining compliance with a regulation promulgated by the EPA, and the owner or operator is not required to conduct a performance test under § 63.116 of this subpart, if the prior performance test was conducted using the same methods specified in § 63.116 and either no process changes have been made since the test, or the owner or operator can demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process changes.

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

Condition 133: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.662(a), NSPS Subpart NNN

Item 133.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MIV

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 133.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The permittee shall reduce emissions of TOC (less methane and ethane) by 98 weight-percent, or to a TOC (less methane and ethane) concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen, whichever is less stringent. For the boiler or process heater used to

comply with this paragraph, the vent stream shall be introduced into the flame zone of the boiler or process heater.

An initial performance test as required by the NSPS General Provisions (40 CFR §60.8) has already been performed. For any future performance test, the permittee must follow the methods and procedures in 40 CFR §60.664 as appropriate. That section specifies EPA Method 1 or 1A for selection of the sampling site(s); Method 2, 2A, 2C, or 2D for gas volumetric flowrate; Method 3 for oxygen concentration; and Method 18 for TOC concentration. It also specifies the sampling times and methods for calculating emissions and emission reductions. For the purpose of demonstrating compliance with § 60.662, all affected facilities shall be run at full operating conditions and flow rates during any performance test.

Continuing compliance will be determined by monitoring vent stream flow and boiler/process heater temperature per 40 CFR §60.663(c). Monitoring records shall be maintained and reported according to 40 CFR §60.665 as described in the permit condition citing that section.

Parameter Monitored: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)
Lower Permit Limit: 98 percent by weight
Reference Test Method: Methods 1-3 & 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 134: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.663(a), NSPS Subpart NNN

Item 134.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MIV

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

Item 134.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of an affected facility that uses an incinerator to seek to comply with the TOC emission limit specified under 40 CFR 60.662(a) shall install, calibrate, maintain, and operate according to manufacturer's specifications the following equipment:

(1) a temperature monitoring device equipped with a continuous recorder and having an accuracy of +/- 1 % of the temperature being monitored expressed in degrees Celsius or +/- 0.5 deg C, whichever is greater.

(i) where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox.

(ii) where a catalytic incinerator is used, temperature monitoring devices shall be installed in the gas stream immediately before and after the catalyst bed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 135: Boiler/Process Heater(<44MW) Recordkeeping and Reporting Requirements (SOCMI Distillation NSPS)
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.665, NSPS Subpart NNN

Item 135.1:
This Condition applies to Emission Unit: C-27018
Process: MIV

Item 135.2:
The permittee shall notify the Administrator of the specific provisions of § 60.662 (§ 60.662 (a), (b), or (c)) with which the owner or operator has elected to comply. Notification shall be submitted with the notification of initial start-up required by § 60.7(a)(3). If an owner or operator elects at a later date to use an alternative provision of § 60.662 with which he or she will comply, then the Administrator shall be

notified by the owner or operator 90 days before implementing a change and, upon implementing the change, a performance test shall be performed as specified by §60.664 within 180 days.

Item 135.3:
The permittee shall keep an up-to-date, readily accessible record of the following data measured during each performance test, and also include the following data in the report of the initial performance test required under § 60.8. Where a boiler or process heater with a design heat input capacity of 44 MW (150 million Btu/hour) or greater is used to comply with § 60.662(a), a report containing performance test data need not be submitted, but a report containing the information in § 60.665(b)(2)(i) is required. The same data specified in this permit condition shall be submitted in the reports of all subsequently required performance tests where either the emission control efficiency of a control device, outlet concentration of TOC, or the TRE index value of a vent stream from a recovery system is determined.

(i) A description of the location at which the vent stream is introduced into the boiler or process heater, and
(ii) The average combustion temperature of the boiler or process heater with a design heat input capacity of less than 44 MW (150 million Btu/hr) measured at least every 15 minutes and averaged over the same time period of the performance testing.

Item 135.4:
The permittee shall keep up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored under § 60.663 (a) and (c) as well as up-to-date, readily accessible records of periods of operation during which the parameter boundaries established during the most recent performance test are exceeded. The Administrator may at any time require a report of these data. Periods of operation during which the parameter boundaries established during the most recent performance tests are exceeded are defined as follows:

a) All 3-hour periods of operation during which the average combustion temperature was more than 28 °C (50 °F) below the average combustion temperature during the most recent performance test at which compliance with § 60.662(a) was determined.
b) Whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under § 60.662(a).

Item 135.5:
The permittee shall keep up to date, readily accessible continuous records of the flow indication specified under § 60.663(a)(2), § 60.663(b)(2) and § 60.663(c)(1), as well as up-to-date, readily accessible records of all periods when the vent stream is diverted from the control device or has no flow rate.

Item 135.6:
The permittee is exempt from the quarterly reporting requirements contained in § 60.7(c) of the General Provisions with regard to the records maintained pursuant to this condition.

Item 135.7:
Ther permittee shall submit to the Administrator semiannual reports of the following recorded information. The initial report shall be submitted within 6 months after the initial start-up date.

a) Exceedances of monitored parameters recorded under § 60.665 (c) and (g) (Item 135.4 above).
b) All periods recorded under § 60.665(d) when the vent stream is diverted from the control device or has no flow rate (Item 135.5 above).

Condition 136: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.705(r), NSPS Subpart RRR

Item 136.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MIV

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 136.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator whose reactor process vent stream is routed to a distillation unit subject to Subpart NNN and who seeks to demonstrate compliance with 40 CFR 60.700(c)(5) shall submit to the administrator a process design description as part of the initial report. No other records or reports would be required unless process changes are made.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 137: Startup, shutdown, malfunction operational standards
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 137.1:
This Condition applies to Emission Unit: C-27018
Process: MST

Item 137.2:
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 138: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.119(b), Subpart G

Item 138.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MST

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

Item 138.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator that elects to use a fixed roof and an internal floating roof shall comply with the following requirements:

1) The internal floating roof shall be floating on the liquid surface at all times except when the floating roof must be supported by leg supports during initial fill, after the vessel is emptied and degassed, and when the vessel is completely emptied before being subsequently refilled.
2) When the floating roof is resting on the leg supports,

the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.
3) Each internal floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device shall consist of a liquid-mounted seal, a metallic shoe seal, or two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof edge. The closure device shall consist of a liquid-mounted seal, a metallic shoe seal, or two seals mounted one above the oother so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof.
4) Automatic bleeder vents are to be closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports.
5) Each internal floating roof shall meet the specifications listed in 40 CFR63.119(b)(5)(i)-(vii).
6) Each cover or lid on any opening in the floating roof shall be closed, except when the cover or lid must be opened for access.

To demonstrate compliance with these requirements the owner/operator shall:

2) For vessels with a double-seal system, the owner/operator shall perfrom one of the following:
A) The internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes, and sleeve seals shall be visually inspected each time the vessel is emptied and degassed and at least once every 5 years after the compliance date in Subpart F; or
B) Visually inspect the internal floating roof and the secondary seal through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill or the compliance date, and visually inspect the internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes, and sleeve seals each time the vessel is emptied and degassed and at least once every 10 years after the compliance date.
4) Except as listed in 40 CFR 63.120(a)(6), for all visual inspections made that are not through manholes or roof hatches, the owner/operator shall notify the Administrator

in writing at least 30 days prior to refilling.
5) If during the inspections not through manholes or roof hatches, the internal floating roof has defects; the primary seal has holes, tears or other openings in the seal or the seal fabric; the secondary seal has holes, tears, or other openings in the seal or the seal fabric; or the gaskets no longer close off the liquid surface from the atmosphere; or the slotted membrane has more than 10% open area, the owner/operator shall repair the items as necessary so that none of the conditions specified exist before refilling the vessel with organic HAP.

As part of the periodic reports required in 40 CFR 63.152(c), the owner/operator shall report the results of each inspection required above when a failure is detected. A failure is defined in 40 CFR 63.122(d)(1)(i) and (d)(2)(i). Each periodic report shall include the date of the inspection, identifiaction of each storage vessel in which a failure was detected, a description of the failure, and the nature of and date the repair was made.

The owner/operator shall also keep records of each inspection made above.

This monitoring activity meet the requirements of 6 NYCRR Part 229.3(e)(1).

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

Condition 139: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.123(a), Subpart G

Item 139.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MST

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

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 140: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.152(d)(1), Subpart G

Item 140.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MST

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

Item 140.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

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

Condition 141: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.662(a), NSPS Subpart NNN

Item 141.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MTC

Regulated Contaminant(s):
CAS No: 0NY502-00-0
40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)

Item 141.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The permittee shall reduce emissions of TOC (less methane and ethane) by 98 weight-percent, or to a TOC (less methane and ethane) concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen, whichever is less stringent. For the boiler or process heater used to comply with this paragraph, the vent stream shall be introduced into the flame zone of the boiler or process heater.

An initial performance test as required by the NSPS General Provisions (40 CFR §60.8) has already been performed. For any future performance test, the permittee must follow the methods and procedures in 40 CFR §60.664 as appropriate. That section specifies EPA Method 1 or 1A for selection of the sampling site(s); Method 2, 2A, 2C, or 2D for gas volumetric flowrate; Method 3 for oxygen concentration; and Method 18 for TOC concentration. It also specifies the sampling times and methods for calculating emissions and emission reductions. For the purpose of demonstrating compliance with § 60.662, all affected facilities shall be run at full operating conditions and flow rates during any performance test.

Continuing compliance will be determined by monitoring vent stream flow and boiler/process heater temperature per 40 CFR §60.663(c). Monitoring records shall be maintained and reported according to 40 CFR §60.665 as described in the permit condition citing that section.

Parameter Monitored: 40 CFR 60-63 - TOTAL ORGANIC COMPOUNDS (TOC)
Lower Permit Limit: 98 percent by weight
Reference Test Method: Methods 1-3 & 18
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 142: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.663(a), NSPS Subpart NNN

Item 142.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MTC

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

Item 142.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of an affected facility that uses an incinerator to seek to comply with the TOC emission limit specified under 40 CFR 60.662(a) shall install, calibrate, maintain, and operate according to manufacturer's specifications the following equipment:

(1) a temperature monitoring device equipped with a continouus recorder and having an accuracy of +/- 1 % of the temperature being monitored expressed in degrees Celsius or +/- 0.5 deg C, whichever is greater.

(i) where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox.

(ii) where a catalytic incinerator is used, temperature monitoring devices shall be installed in the gas stream immediately before and after the catalyst bed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 143: Boiler/Process Heater(<44MW) Recordkeeping and Reporting Requirements (SOCMI Distillation NSPS)
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.665, NSPS Subpart NNN

Item 143.1:
This Condition applies to Emission Unit: C-27018
Process: MTC

Item 143.2:
The permittee shall notify the Administrator of the specific provisions of § 60.662 (§ 60.662 (a), (b), or (c)) with which the owner or operator has elected to comply. Notification shall be submitted with the notification of initial start-up required by § 60.7(a)(3). If an owner or operator elects at a later date to use an alternative provision of § 60.662 with which he or she will comply, then the Administrator shall be notified by the owner or operator 90 days before implementing a change and, upon implementing the change, a performance test shall be performed as specified by §60.664 within 180 days.

Item 143.3:
The permittee shall keep an up-to-date, readily accessible record of the following data measured during each performance test, and also include the following data in the report of the initial performance test required under § 60.8. Where a boiler or process heater with a design heat input capacity of 44 MW (150 million Btu/hour) or greater is used to comply with § 60.662(a), a report containing performance test data need not be submitted, but a report containing the information in § 60.665(b)(2)(i) is required. The same data specified in this permit condition shall be submitted in the reports of all subsequently required performance tests where either the emission control efficiency of a control device, outlet concentration of TOC, or the TRE index value of a vent stream from a recovery system is determined.

(i) A description of the location at which the vent stream is introduced into the boiler or process heater, and
(ii) The average combustion temperature of the boiler or process heater with a design heat input capacity of less than 44 MW (150 million Btu/hr) measured at least every 15 minutes and averaged over the same time period of the performance testing.

Item 143.4:
The permittee shall keep up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored under § 60.663 (a) and (c) as well as up-to-date, readily accessible records of periods of operation during which the parameter boundaries established during the most recent performance test are exceeded. The Administrator may at any time require a report of these data. Periods

of operation during which the parameter boundaries established during the most recent performance tests are exceeded are defined as follows:

a) All 3-hour periods of operation during which the average combustion temperature was more than 28 °C (50 °F) below the average combustion temperature during the most recent performance test at which compliance with § 60.662(a) was determined.
b) Whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under § 60.662(a).

Item 143.5:
The permittee shall keep up to date, readily accessible continuous records of the flow indication specified under § 60.663(a)(2), § 60.663(b)(2) and § 60.663(c)(1), as well as up-to-date, readily accessible records of all periods when the vent stream is diverted from the control device or has no flow rate.

Item 143.6:
The permittee is exempt from the quarterly reporting requirements contained in § 60.7(c) of the General Provisions with regard to the records maintained pursuant to this condition.

Item 143.7:
Ther permittee shall submit to the Administrator semiannual reports of the following recorded information. The initial report shall be submitted within 6 months after the initial start-up date.

a) Exceedances of monitored parameters recorded under § 60.665 (c) and (g) (Item 143.4 above).
b) All periods recorded under § 60.665(d) when the vent stream is diverted from the control device or has no flow rate (Item 143.5 above).

Condition 144: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.105, Subpart F

Item 144.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: MWW Emission Source: MNTWW

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

Item 144.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall prepare a description of

maintenance procedures for management of wastewaters, which contain organic HAPs listed in table 9 of Subpart G, that are generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns such as routine maintenance.

The description shall specify the following:

1) process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities;
2) procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and
3) procedures to be followed when clearing materials from process equipment.

This information shall be updated as needed following each maintenance procedure based on the actions taken and the wastewater generated in the preceding maintenance procedure. The procedures described shall be implemented as part of the startup, shutdown, and malfunction plan required under 40CFR63.6(e)(3).

A record shall be maintained of the information required above in the startup, shutdown, and malfunction plan.

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

Condition 145: Process wastewater reporting provisions - reporting for Group 2 streams
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.146(b)(2), Subpart G

Item 145.1:
This Condition applies to Emission Unit: C-27018
Process: PWW

Item 145.2:
The owner/operator shall submit with the Notification of Compliance Status report as required by 40CFR63.152(b), the information specified in Table 15 of subpart G for table 8 and/or table 9 compounds.

Condition 146: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.132(a)(3), Subpart G

Item 146.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: PWW Emission Source: PROWW

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

Item 146.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Requirements for Group 2 wastewater streams. This paragraph does not apply to Group 2 wastewater streams that are used to comply with §63.138(g). For Group 2 wastewater streams, the owner or operator shall keep in a readily accessible location the records specified in (i) through (iv) below and include this information in the Notification of Compliance Status Report. This information may be submitted in any form. Table 15 of this subpart is anexample.
(i) Process unit identification and description of the process unit.
(ii) Stream identification code.
(iii) For existing sources, concentration of table 9 compound(s) in parts per million, by weight. For new sources, concentration of table 8 and/or table 9 compound(s) in parts per million, by weight. Include documentation of the methodology used to determine concentration.
(iv) Flow rate in liter per minute.

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

Condition 148: Startup, shutdown, malfunction operational standards
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 148.1:
This Condition applies to Emission Unit: C-27018
Process: SST

Item 148.2:
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 149: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.123(a), Subpart G

Item 149.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: SST

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

Item 149.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the

capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 150: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.152(d)(1), Subpart G

Item 150.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: SST

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

Item 150.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

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

Condition 151: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)

Item 151.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018
Process: TVS

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

Item 151.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Storage tanks subject to this requirement, with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

In this case, the equivalent control requirement has been met with a combination of suberged fill plus the hazardous waste incinerators (EPs 97001, 97002, 97003). The incinerators efficiencies are 99.9+% for VOCs, which is greater than a conservation vent. No additional monitoring is necessary.

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

Condition 152: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.119(e), Subpart G

Item 152.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

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

Item 152.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The owner/operator of each closed vent system and control device for storage vessels shall design and operate the

control device to reduce inlet emissions of total organic HAP by 95% or greater.

Periods of planned routine maintenance of the control device, during which the control device will not meet the percent reduction requirement above, shall not exceed 240 hours per year. Compliance with this provision shall be demonstrated by submitting with each periodic report as required by 40CFR63.152(c), a description of the planned routine maintenance anticipated for the next 6 months including the type of maintenance necessary, planned frequency, and lengths of maintenance periods, along with a description of the maintenance performed within the last 6 months including the type of maintenance and the total number of hours that the control device did not meet the percent reduction requirement above.

To demonstrate compliance, the owner/operator shall either prepare a design evaluation or submit the results of a performance test. The design evaluation shall include documentation demonstrating that the control device being used achieves the required control efficiency during reasonably expected maximum filling rate. This documentation shall include a description of the gas stream which enters the control device, including flow and organic HAP content under varying liquid level conditions, and the information specified in 40CFR63.120(d)(1)(i)(A) through (E), as applicable.

The performance test must demonstrate that the control device achieves greater than or equal to the required control efficiency specified above and shall be submitted with the Notification of Compliance Status report as required by 40CFR63.151(b). The owner/operator in this case shall also submit identification of the emission points that share the control device with the storage vessel and for which the performance test will be conducted.

The owner/operator shall submit a monitoring plan with the Notification of Compliance Status report as required by 40CFR63.151(b) containing a description of the parameter of parameters to be monitored to ensure that the control device is being properly operated and maintained, an explanation of the criteria used for selection of that parameter, the operating range for each parameter, and the frequency with which monitoring will be performed. If the

owner/operator wishes to submit the results from a performance test, an identification of the storage vessel, control device, and emission point(s) that share the control device shall also be submitted.

Parameter Monitored: HAP
Lower Permit Limit: 95 percent reduction by weight
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 153: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.148(b)(1), Subpart G

Item 153.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

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

Item 153.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

For each vapor collection system or closed vent system that is constructed of hard-piping, an annual visual inspection shall be conducted for visible, audible, or olfactory indications of leaks.

An initial inspection shall also be conducted in accordance with Method 21 of 40CFR60, Appendix A. The monitoring instrument shall be calibrated before use on each day monitoring is performed using the calibration gases listed in 40CFR63.148(c)(4). The arithmetic difference between the maximum concentration indicated by the instrument and the background level shall be compared with 500 ppm for determining whether a leak has occurred.

For each visual and Method 21 inspection conducted during

which no leaks were detected, the following records shall be kept:

1) a record that the inspection was performed;
2) the date of the inspection; and
3) a statement that no leaks were detected.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 500 parts per million (by volume)
Reference Test Method: 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 154: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 154.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

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

Item 154.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Leaks shall be repaired as soon as practicable but completed no later than 15 calendar days after detection of the leak. A first attempt at repair shall be made no later than 5 calendar days after detection of the leak.

For leaks found in vapor collection systems used for

transfer operations, repairs shall be completed no later than 15 calendar days after the leak is detected or at the beginning of the next transfer loading operation, whichever is later.

The following records shall be kept:

1) The instrument identification numbers
2) Operator name or initials
3) Identification of the equipment
4) The date the leak was detected
5) The date the first attempt to repair was made
6) The maximum instrument reading measured after the leak is successfully repaired or determined to be nonrepairable
7) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after detection
8) The name, initials, or other form of identification of the operator whose decision it was that repair could not be effected without a shutdown
9) The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days
10) Dates of shutdowns that occur while the equipment is unrepaired
11) The date of successful repair of the leak.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 155: Leak inspection provisions
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 155.1:
This Condition applies to Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

Item 155.2:
Delay of repair of a vapor collection system, closed-vent system, fixed roof, cover, or enclosure for which leaks have been detected is allowed if the repair is technically infeasible without a shutdown or if it is determined that emissions resulting from immediate repair would be greater than the fugitive emissions

likely to result from delay of repair. Repair of such equipment shall be completed by the end of the next shutdown.

Condition 156: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 156.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

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

Item 156.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall record the information specified in paragraphs (i)(4-6).
4) For each inspection during which a leak is detected, a record of the information specified in paragraphs (i)(4)(i-viii).
(i) The instrument identification numbers; operator name or initials; and identification of the equipment.
(ii) The date the leak was detected and the date of the first attempt to repair the leak.
(iii) Maximum instrument reading measured by the method specified in paragraph (d) after the leak is successfully repaired or determined to be non-repairable.
(iv) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.
(v) The name, initials, or other form of identification of the owner or operator (or designee) whose decision it was that repair could not be effected without a shutdown.
(vi) The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days.
(vii) Dates of shutdowns that occur while the equipment is unrepaired.
(viii) The date of successful repair of the leak.
5) For each inspection conducted in accordance with 40 CFR

63.147(c) during which no leaks are detected, a record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.
6) For each visual inspection conducted in accordance with paragraph 40CFR63.148(b)(1or3)(ii) during which no leaks are detected, a record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 157: Leak inspection provisions - reporting
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 157.1:
This Condition applies to Emission Unit: C-27018 Emission Point: 27018
Process: SST Emission Source: CM801

Item 157.2:
The following information shall be submitted with the reports required by 40CFR63.182(b) or 40CFR63.152(c):

1) The information recorded for leaks that were detected, as described in 40CFR63.148(i)(4);
2) Reports of the times of all periods when the vent stream is diverted from the control device through a bypass line; and
3) Reports of all periods in which the seal mechanism is broken, the bypass line valve position has changed, or the key to unlock the bypass line valve was checked out.

Condition 158: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 158.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 34001
Process: MRC

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

Item 158.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Methanol recovery column will be operated so that voc emissions, calculated on a 12-month rolling basis, do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 10/94 (0.62 tons/yr).

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 159: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 159.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 34002
Process: MRC

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

Item 159.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Methanol recovery column will be operated so that voc emissions, calculated on a 12-month rolling basis, do not exceed those which make it economically feasabile to install control as evaluated in the economic analysis dated 10/94 (0.62 tons/yr).

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 162: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 162.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62005

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

Item 162.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The MCS vent scrubber will be operated so that Methyl Chloride emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 12/98 (17.7 tons/yr). This monitoring condition also meets the BACT requirements of 6 NYCRR 212.5(d).

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 166: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 166.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007

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

Item 166.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The scrubber water flow (ES-GE7C2) is monitored to ensure sufficient control efficiency.

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 100 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 167: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 167.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007

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

Item 167.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The fire box temperature (ES-GE7C1) is monitored to ensure sufficient control efficiency.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1750 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 168: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.113(b), Subpart G

Item 168.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007
Process: MCS

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

Item 168.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) If a boiler or process heater is used to comply with the percent reduction requirement or concentration limit specified in paragraph (a)(2) of this section, then the vent stream shall be introduced into the flame zone of such a device.

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

Condition 169: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(3), Subpart G

Item 169.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007

Process: MCS

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

Item 169.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(1)
(2)
(3) Where a boiler or process heater of less than 44 megawatts design heat input capacity is used, the following monitoring equipment is required: a temperature monitoring device in the firebox equipped with a continuous recorder. This requirement does not apply to gas streams that are introduced with primary fuel or are used as the primary fuel.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1750 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 170: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(i), Subpart G

Item 170.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007
Process: MCS

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

Item 170.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 0.3 is required.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 171: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 171.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007
Process: MCS

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

Item 171.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 6500 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 172: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 172.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007
Process: MCS

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

Item 172.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams,

the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 100 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 173: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 173.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 62011

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

Item 173.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The MCS vent scrubber will be operated so that Methyl Chloride emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 12/98 (17.7 tons/yr). This compliance monitoring activity also assures compliance with the BACT requirements of 212.5.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.

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

Condition 177: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(i), Subpart G

Item 177.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97001
Process: MCS

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

Item 177.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 8.4 is required for the IWS scrubber.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 178: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 178.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97001

Process: MCS

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

Item 178.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flowrate will be monitored to maintain 860 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 860 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 179: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 179.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97001
Process: MCS

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

Item 179.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 7010 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 180: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(1)(i), Subpart G

Item 180.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97002
Process: MCS

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

Item 180.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in §

63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(1) Where an incinerator is used, a temperature monitoring device equipped with a continuous recorder is required.

(i) Where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 970 degrees Fahrenheit
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 181: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(i), Subpart G

Item 181.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97002
Process: MCS

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

Item 181.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 8.4 is required for the IWS scrubber.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 182: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 182.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97002
Process: MCS

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

Item 182.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flowrate will be monitored to

maintain 1083 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1083 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 183: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 183.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97002
Process: MCS

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

Item 183.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 7020 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 185: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(1)(i), Subpart G

Item 185.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97003
Process: MCS

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

Item 185.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(a) Each owner or operator of a process vent that uses a combustion device to comply with the requirements in § 63.113 (a)(1) or (a)(2) of this subpart, or that uses a recovery device or recapture device to comply with the requirements in § 63.113(a)(2) of this subpart, shall install monitoring equipment specified in paragraph (a)(1), (a)(2), (a)(3), (a)(4), or (a)(5) of this section, depending on the type of device used. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
(1) Where an incinerator is used, a temperature monitoring device equipped with a continuous recorder is required.

(i) Where an incinerator other than a catalytic incinerator is used, a temperature monitoring device shall be installed in the firebox or in the ductwork immediately downstream of the firebox in a position before any substantial heat exchange occurs.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 945 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 186: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(i), Subpart G

Item 186.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97003
Process: MCS

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

Item 186.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i) A pH monitoring device equipped with a continuous recorder shall be installed to monitor the pH of the scrubber effluent.

Minimum pH of 8.4 is required for the IWS scrubber.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 187: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 187.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97003
Process: MCS

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

Item 187.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) Gas flow rate shall be determined using one of the procedures specified in paragraphs (a)(4)(ii)(A) through (C) of this section.
(A) The owner or operator may determine gas flow rate using the design blower capacity, with appropriate adjustments for pressure drop.

Parameter Monitored: VOLUMETRIC FLOW RATE
Upper Permit Limit: 21000 cubic feet per minute
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 188: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 63.114(a)(4)(ii), Subpart G

Item 188.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-27018 Emission Point: 97003
Process: MCS

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

Item 188.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
(4) Where a scrubber is used with an incinerator, boiler, or process heater in the case of halogenated vent streams, the following monitoring equipment is required for the scrubber.
(i)
(ii) A flow meter equipped with a continuous recorder shall be located at the scrubber influent for liquid flow.

The countercurrent scrubber flowrate will be monitored to maintain 1160 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1160 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 190: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 190.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-62008 Emission Point: 55005

Item 190.2:
Compliance Certification shall include the following monitoring:

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

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

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

Condition 191: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 191.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-62008 Emission Point: 57004

Item 191.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 192: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 192.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-62008 Emission Point: 65001

Item 192.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 193: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 193.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-62014
Process: FSS

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

Item 193.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Particulate emissions from the fumed silica scrubber will not exceed 0.05 grains/dry standard cubic feet. Silane feed rate to the reactors is limited to 3,750 lb/hr

to ensure this.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 194: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 194.1:
The Compliance Certification activity will be performed for:

Emission Unit: C-62014
Process: FSS

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

Item 194.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water recirculation will be monitored to ensure control efficiency. The lower limit of monitoring ensures compliance with all process operations. Engineering calculations will be used as compliance with Particulate control efficiency when the measured flowrate falls below the lower limit of monitoring.

Process Material: WATER
Parameter Monitored: RECIRCULATION RATE
Upper Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 197: Compliance Certification

Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 197.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH
Process: BE1

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

Item 197.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubber is recorded (on/off) to ensure sufficient control efficiency.

This process is controlled by one eductor scrubber which emits through two emission points 24946 and 24947.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 9 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 198: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 198.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH
Process: BE2

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

Item 198.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow to the scrubber is recorded (on/off) to ensure sufficient control efficiency.

This process emits through two emission points 24946 and 24947.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 12 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 199: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 199.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH
Process: DG2

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

Item 199.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Each condenser's outlet gas temperature will be monitored

when the ERP of VOCs exceed 3 lb/hr. This process emits through five emission points 32040, 32042, 32044, 32049 and 32050.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 30 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 200: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 200.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 24105
Process: SP2

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

Item 200.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 4.92 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 08/18/94.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-23: Records of the dimension and capacity of storage vessels
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb

Item 1-23.1:
This Condition applies to Emission Unit: F-INISH Emission Point: 24136

Item 1-23.2:
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 201: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 201.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 24806

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

Item 201.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 1.1 tpy (rolled monthly) which would make it economically feasible to install control as evaluated in the economic analysis dated 10/17/94.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 202: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 202.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 31036

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

Item 202.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
During Toluene cleanouts in any of the Drais mixers, outlet Glycol temperature of the condenser DK6C1 and DK6C2 will be monitored to ensure sufficient control efficiency.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 32 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.

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

Condition 203: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 203.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 31037

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

Item 203.2:
Compliance Certification shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 204: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 204.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32006
Process: DG1 Emission Source: DM601

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 204.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixer #3 will be recorded.
Doughmixer #3 will not process any condenser grades
(grades with a VOC ERP of greater than 3 lb/hr).

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-24: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 205

Item 1-24.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32007
Process: DG1 Emission Source: DM701

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

Item 1-24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixer #5 will be recorded.
Doughmixer #5 will not process any condenser grades
(grades with a VOC ERP of greater than 3 lb/hr).Grades
produced in Doughmixer 5 will be recorded. Grades with
VOCs >3 lb/hr will vent only to the condenser (EP32044)
during cook, and not to EP 32007.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Condition 206: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 206.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32008
Process: DG1 Emission Source: DM801

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

Item 206.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixer 6 will be recorded. Grades with VOCs > 3 lb/hr will vent only to the condenser (EP32040) during cook, and not EP32008.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 207: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 207.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32009
Process: DG1 Emission Source: DM901

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 207.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Dougmixer 7 will be recorded. Grades with VOCs > 3 lb/hr will vent only to the condenser (EP32049) during cook, and not to EP32009.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 208: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 208.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32016
Process: DG1 Emission Source: DN601

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

Item 208.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixer 8 will be recorded. Grades with VOCs > 3 lb/hr will vent only to the condenser (EP32042) during cook, and not to EP 32016.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 209: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 209.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32017
Process: DG1 Emission Source: DN701

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

Item 209.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Grades produced in Doughmixer 9 will be recorded. Grades with VOCs > 3 lb/hr will vent only to the condenser (EP32050) during cook, and not to EP32017.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 210: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 210.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32028
Process: TFS

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

Item 210.2:
Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 211: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 211.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32040

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

Item 211.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 2.7 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 05/08/98.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 212: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 212.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32042

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

Item 212.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Calculate VOC emissions to confirm that emissions do not exceed 2.7 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 05/08/98.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 213: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 213.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32044

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

Item 213.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate voc emissions to confirm that emissions do not exceed 2.7 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 05/08/98.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 214: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 214.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32049

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

Item 214.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 2.6 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 05/08/98.

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 215: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 215.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 32050

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

Item 215.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed 2.6 tpy which would make it economically feasible to install control as evaluated in the economic analysis dated 05/08/98.

This process specific RACT demonstration is acceptable to

the Department and has been submitted to the US Environmental Protection Agency for approval as a revision to the State Implementation Plan.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-25: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Item 1-25.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 37016
Process: 5PR

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

Item 1-25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For grade 88476 (rework) the condenser outlet gas temperature will be maintained to ensure sufficient control efficiency.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 55 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 216: Compliance Certification

Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 216.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 37059
Process: 5PR

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

Item 216.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Record hours of operation for emission source EQ901, which is the only source that vents to EP 37059, to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/5/96.

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

Work Practice Type: HOURS PER MONTH OPERATION
Upper Permit Limit: 71 hours
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 218: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 218.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76001

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

Item 218.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
A flow meter is used to monitor the water flow rate to the scrubber to ensure sufficient control efficiency.

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 72 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-26: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 222

Item 1-26.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76006

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

Item 1-26.2:
Compliance Certification shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 13.4 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 219: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 219.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76006

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

Item 219.2:
Compliance Certification shall include the following monitoring:

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

The lower limit of monitoring ensures compliance with all

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 220: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 220.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76006

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

Item 220.2:
Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.9 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED

VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 221: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 221.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76006

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

Item 221.2:
Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 19.4 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 223: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 223.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76710
Process: HAS

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

Item 223.2:
Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 224: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 224.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 76711
Process: HAS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 224.2:
Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 225: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 225.1:
The Compliance Certification activity will be performed for:

Emission Unit: F-INISH Emission Point: 85008
Process: RCC

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

Item 225.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column HO8C1 will be

monitored to ensure sufficient control efficiency.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 226: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 226.1:
The Compliance Certification activity will be performed for:

Emission Unit: T-13004
Process: ABA

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

Item 226.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The exit temperature for the condenser outlet (source AB4C1) will not exceed 67 deg C. the temp reading will be recorded daily.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 67 degrees Centigrade (or Celsius)
Monitoring Frequency: DAILY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 227: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 227.1:
The Compliance Certification activity will be performed for:

Emission Unit: T-13004
Process: LIM

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

Item 227.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The outlet gas temperature of the condenser will not exceed 30 deg C during use, and will be recorded for each batch.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 30 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 230: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 230.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002

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

Item 230.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 62 tpy for emission source CS201 (Boiler #13) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.42 lb/mmBTU on oil and 0.14 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 231: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 231.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002

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

Item 231.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 128.5 tpy for emission source CS601 (Boiler #18) in order to establish ERCs on an annual-rolled monthly basis. Emission are calculated by fuel use data and CEM system for NOx

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 237: Permits requirements.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-1.6

Item 237.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 237.2: The NOx authorized account representative of each NOx budget unit shall submit to the Department a complete NOx Budget permit application (as defined under Section 204-3.3) by May 1, 2002.

Condition 238: Submissions to the Department.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-2.1

Item 238.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 238.2: Each submission under the NOx Budget Trading Program shall be submitted, signed and certified by the NOx authorized account representative for each NOx Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph 204-2.1(e)(1)) by the NOx authorized account representative.

Condition 239: Content of reports and compliance certifications.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 239.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 239.2: The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

(1) Identification of each NOx Budget unit; and

(2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:

(i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
(ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
(iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
(iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
(v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Condition 240: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 240.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 240.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each control period in which one or more NOx Budget units at a source are subject to the NOx Budget emissions limitation, the NOx authorized account representative of the source shall submit to the Department and the

Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

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

Condition 241: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-5.3

Item 241.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

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

Item 241.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission Source CS601 (boiler #18) is limited to 53 tons (NOx) during the ozone season of May 1 thru September 30. This condition is effective for the ozone seasons of 2003 thru 2007.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 242: Submission of NOx allowance transfers.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-7.1

Item 242.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 242.2: The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NOx allowance transfer shall include the following elements in a format specified by the Administrator:

(a) The numbers identifying both the transferor and transferee accounts;
(b) A specification by serial number of each NOx allowance to be transferred; and
(c) The printed name and signature of the NOx authorized account representative of the transferor account and the date signed.

Condition 243: General provisions.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 243.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 243.2: The owners and operators, and to the extent applicable, the NOx authorized account representative of a NOx Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NOx Budget unit," "NOx authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

Condition 244: Prohibitions.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 244.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 244.2: No owner or operator of a NOx Budget unit or a non-NOx Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:

(1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;
(2) operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74;
(3) disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions

discharged into the atmosphere, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and
(4) permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system under this Subpart, except under any one of the following circumstances:

(i) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the Department for use at that unit that provides emission data for the same pollutant or parameter as the discontinued monitoring system; or
(ii) The NOx authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

Condition 245: Requirements for installation, certification, and data accounting.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 245.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 245.2: The owner or operator of each NOx Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NOx Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

(1) Install all monitoring systems required under this Subpart for monitoring NOx mass. This includes all systems required to monitor NOx emission rate, NOx concentration, heat input, and air or fuel flow, in accordance with 40 CFR 75.71 and 75.72.
(2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NOx allowance allocations.
(3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.
(4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

Condition 246: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 246.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002

Process: 18G

Item 246.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a NOx Budget unit under paragraphs (b)(2) or (b)(3) of this section must determine, record and report NOx mass, heat input (if required for purposes of allocations) and any other values required to determine NOx Mass (e.g. NOx emission rate and heat input or NOx concentration and stack flow) using the provisions of 40 CFR 75.70(g), from the date and hour that the unit starts operating until all required certification tests are successfully completed.

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

Condition 247: Out of control periods.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.3

Item 247.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 247.2: Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

Condition 249: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.6

Item 249.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

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

Item 249.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(b) The NOx authorized account representative of a NOx Budget unit that is not subject to an Acid Rain emissions limitation may submit a petition under 40 CFR 75.66 to the Department and the Administrator requesting approval to apply an alternative to any requirement of this Subpart.

(1) The NOx authorized account representative of a NOx Budget unit that is subject to an Acid Rain emissions limitation may submit a petition under 40 CFR 75.66 to the Department and the Administrator requesting approval to apply an alternative to a requirement concerning any additional CEMS required under the common stack provisions of 40 CFR 75.72 or a NOx concentration CEMS used under 40 CFR 75.71(a)(2).
(2) Application of an alternative to any requirement of this Subpart is in accordance with this Subpart only to the extent the petition under subdivision (b) of this section is approved by both the Department and the
Administrator.

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

Condition 250: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 204-8.7

Item 250.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 250.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of a unit that elects to monitor and report NOx Mass emissions using a NOx concentration system and a flow system shall also monitor and report heat input at the unit level using the procedures set forth in 40 CFR Part 75.

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

Condition 256: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 256.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 256.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;

2) a notification of the anticipated date of initial start up, post marked not more than 60 days not less than 30 days prior to such date;

3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the

change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

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

Condition 257: Recordkeeping requirements.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A

Item 257.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 257.2:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 258: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(c), NSPS Subpart A

Item 258.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002

Process: 18G

Item 258.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;

2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;

3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 259: Excess Emissions Report
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(d), NSPS Subpart A

Item 259.1:

This Condition applies to Emission Unit: U-28002
Process: 18G

Item 259.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 260: Facility files for subject sources.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A

Item 260.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 260.2:
The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 261: Compliance with Standards and Maintenance Requirements
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A

Item 261.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 261.2:
At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

Condition 262: Circumvention.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 262.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 262.2:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 263: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(a), NSPS Subpart A

Item 263.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 263.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 264: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(d), NSPS Subpart A

Item 264.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 264.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 265: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(e), NSPS Subpart A

Item 265.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 265.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:
(1) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.
(2) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 266: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A

Item 266.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Item 266.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to 6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in §60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O2 or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-27: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 1-27.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

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

Item 1-27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
From October 1st thru April 30th, the non-ozone season, a 30 day rolling average may be used to demonstrate compliance.

Manufacturer Name/Model Number: Monitors Labs SM8160A
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: Method 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 267: Applicability of oxides of nitrogen standard.
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 267.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 267.2:
The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 268: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.48b(c), NSPS Subpart Db

Item 268.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

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

Item 268.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The continuous monitoring systems required under paragraph 40 CFR 60.48b (b) shall be operated and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 269: Use of alternative methods for measuring NOx during CEMS downtime
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 269.1:
This Condition applies to Emission Unit: U-28002
Process: 18G

Item 269.2:
When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 270: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 270.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18G

Regulated Contaminant(s):

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

Item 270.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

1) Calendar date.
2) The average hourly nitrogen oxides emission rates (expressed as NO2) (ng/J or lb/million Btu heat input) measured or predicted.
3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 271: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 225-1.7(c)

Item 271.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 271.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the monitoring frequency must be "As Required - See Monitoring Description" and the reporting must be "Upon Request by Regulatory Agency".

Part 225-1.7(c) requires that measurements must be made daily of the rate of each fuel burned. The gross heat content and ash content of each fuel burned must be determined at least once each week. This information must be retained by the source owner for a period of five years.

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

Condition 1-28: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(1)

Replaces Condition(s) 272

Item 1-28.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 1-28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the monitoring frequency must be "Once during the term of the permit" and the reporting must be "Once / Batch or Monitoring Occurrance.

Particulate emission limit for singular boilers or multiple boilers ducted through a common stack, which fire liquid fuels, and that have a heat capacity exceeding 250 mmBtu/hr.

If Process 180 becomes operable prior to decommissioning this boiler, the boiler is decommissioned before the expiration of this permit, and it has been less than 5 years since the last emissions test; GES shall not be required to test prior to decommissioning this boiler.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.1 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 274: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 274.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 274.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;

2) a notification of the anticipated date of initial start up, post marked not more than 60 days not less than 30 days prior to such date;

3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall

include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

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

Condition 275: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A

Item 275.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 275.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

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

Condition 276: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(c), NSPS Subpart A

Item 276.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 276.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to loiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;

2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;

3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 277: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(d), NSPS Subpart A

Item 277.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 277.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

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

Condition 278: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A

Item 278.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 278.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

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

Condition 279: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 279.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 279.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR

60(or an equivalent method approved by the Administrator including continuous opacity monitors);
2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and
3) all other applicable conditions cited in section 60.11 of this part.

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

Condition 280: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A

Item 280.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 280.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 281: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 281.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 281.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

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

Condition 282: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(a), NSPS Subpart A

Item 282.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002

Process: 18O

Item 282.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

When this requirement becomes effective, reporting requirements shall be Semi-Annual (Calendar) with reports due 30 days after every 6 calendar months (January - June, July - December)

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

Condition 283: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(d), NSPS Subpart A

Item 283.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 283.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

When this requirement becomes effective, reporting requirements shall be Semi-Annual (Calendar) with reports due 30 days after every 6 calendar months (January - June, July - December).

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

Condition 284: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(e), NSPS Subpart A

Item 284.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 284.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

(1) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(2) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

When this requirement becomes effective, reporting requirements shall be Semi-Annual (Calendar) with reports due 30 days after every 6 calendar months (January - June, July - December).

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

Condition 285: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A

Item 285.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 285.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to 6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in º60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O2 or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

When this requirement becomes effective, reporting requirements shall be Semi-Annual (Calendar) with reports due 30 days after every 6 calendar months (January - June, July - December).

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

Condition 286: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 286.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 286.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The following condition applies only after the facility connects the oil fuel line to make Process 18O operable. Connection of the oil fuel line cannot be done until the facility meets the notification requirements of 40CFR 60-A.7.

The owner or operator shall not cause to be discharged into the atmosphere 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 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 287: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 287.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 287.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

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

Condition 288: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 288.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 288.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the monitoring frequency must be continuous and the reporting must be semi-annual (calendar).

NOx emissions are limited to 0.20 lb/mmBTU. From October 1st thru April 30th, the non-ozone season, a 30 day rolling average may be used to demonstrate compliance.

Manufacturer Name/Model Number: Monitors Labs SM8160A
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: Method 7E
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 289: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 289.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 289.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

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

Condition 290: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.45b(j), NSPS Subpart Db

Item 290.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 290.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the monitoring frequency must be "Per Delivery" and the reporting must be Quarterly (calendar).

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in 60.49b(r).

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

Condition 291: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.48b(c), NSPS Subpart Db

Item 291.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 291.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable. The continuous

Nitrogen Oxides emission monitoring systems required by 40CFR60.48b(b) shall be operated and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 292: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 292.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

Item 292.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 293: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.49b(f), NSPS Subpart Db

Item 293.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 293.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 294: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 294.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 294.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This facility currently does not have the fuel oil line connected to Boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the certification will become applicable.

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

1) Calendar date.
2) The average hourly nitrogen oxides emission rates (expressed as NO2) (ng/J or lb/million Btu heat input) measured or predicted.
3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
9) Description of any modifications to the continuous

monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 295: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 40CFR 60.49b(r), NSPS Subpart Db

Item 295.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: 18O

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

Item 295.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This facility currently does not have the fuel oil line connected to boiler #18 and therefore, cannot operate Process 18O. After this Process becomes operable, the monitoring frequency must be continuous and the reporting must be semi-annual (calendar).

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil was

combusted in the affected facility during the preceding reporting period.

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

Condition 1-29: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 296

Item 1-29.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: C6O

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

Item 1-29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The BTUs burned on natural gas must be equal to or exceed the BTUs burned on #6 fuel oil times 0.75 on an annual basis rolled monthly. This assumes a maximum emission rate of 0.42 lb/mmBTU(NOx) on oil and 0.14 lb/mmBTU(NOx) on natural gas per previous stack testing. The BTUs from #6 fuel oil will be calculated as 0.15 mmBTU/gal and from Natural Gas as 1.05 mmBTU/MCF. Provisions for this method of compliance with 227-2.4(b)(1) are included under 227-2.5(b) "System-wide averaging option".

note: If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers. If testing is required, it shall be to re-establish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas.

Reference Test Method: Method 7E
Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 1-30: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 297

Item 1-30.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: C6O

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

Item 1-30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This boiler will be tested once during each term of the Title V Permit in order to reestablish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas. This ratio is calculated as:

[actual NOx (lb/mmBTU on oil) - 0.30 (allowable emission rate)] / [0.30 (allowable emission rate) - actual NOx(lb/mmBTU on Natural Gas)]

note: NOx emissions from NG must be < 0.30 lb/mmBTU in order to offset NOx emissions from oil which is > 0.30 lb/mmBTU.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Upper Permit Limit: 0.3 pounds per million Btus
Reference Test Method: Method 7E
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-31: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 1-31.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: C6O

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

Item 1-31.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,

2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and

3) all records shall be maintained at the facility for a minimum of five years.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 298: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 298.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002
Process: CNG

Item 298.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 300: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.6

Item 300.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28002 Emission Point: 28006

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

Item 300.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6 NYCRR 227-2.6(b)(3)

(i) The owner/operator of very large boilers shall:

(a) calculate all 24-hr daily arithmetic average NOx emission rates from block hourly arithmetic emission rate averages calculated using data points generated by the CEMS and expressed in terms of pounds on NOx per million BTU;

(b) demonstrate compliance with the appropriate emission limit under section 227-2.4 of this Subpart by using a CEMS for measuring NOx and calculating a 24-hour daily arithmetic average NOx emission rate using 40 CFR part 60, Appendix A, Method 19. A 30 day rolling average may be used to demonstrate compliance with the appropriate emission limit from September 16th to April 30th;

(c) determine the 24-hour daily arithmetic average NOx emission rate based on the arithmetic average of the block hourly arithmetic average emission rates during each 24 hour daily period average emission rate shall be calculated for each one hour period starting with the period 12:00 a.m. to 1:00 a.m. and continuing through until the last period 11:00 p.m. to 12:00 a.m.; or, starting with the period 12:00 p.m. to 1:00 p.m. and continuing through the last period 11:00 a.m. to 12:00 p.m. The 30 day rolling average shall be the average of the 24 hour daily arithmetic NOx emission rates for a 30 day period; and

(d) use at least three data points, collected at 15 minute intervals, to calculate the block hourly arithmetic average emission rates to be used in calculating the 24 hour daily arithmetic average NOx emission rate.

(iii) At a minimum, valid CEMS data shall be obtained for 75 percent of the hours per day for 75 percent of the days of the month and 90 percent of the days of the quarter

that the affected facility is operating.

(iv) All valid CEMS data shall be used in calculating emission rates even if the minimum data requirements of subparagraph 6 NYCRR 227-2.6(b)(3)(iii) are not met.

(vi) Quarterly accuracy and daily calibration drift tests shall be performed in accordance with 40 CFR part 60, Appendix F and any additional data requirements determined appropriate by the department.

(vii) When NOx emission data are not obtained because of CEMS breakdowns and repairs, emission data shall be obtained by using the 90th percentile value of all CEMS NOx emission data collected over the last 180 days to provide as necessary valid emission data for the minimum requirements in 6 NYCRR 227-2.6(b)(3)(iii)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-32: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(2)

Replaces Condition(s) 302

Item 1-32.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: A6O

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

Item 1-32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This boiler will be tested once during each term of the

Title V Permit in order to re-establish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas. This ratio is calculated as:

[actual NOx (lb/mmBTU on oil) - 0.30 (allowable emission rate)] / [0.10 (allowable emission rate) - actual NOx(lb/mmBTU on Natural Gas)]

note: NOx emissions from NG must be < 0.10 lb/mmBTU in order to off-set NOx emissions from oil which is > 0.30 lb/mmBTU.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Method 7E
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 301: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(2)

Item 301.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: A6O

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

Item 301.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The BTUs burned on natural gas must be equal to or exceed the BTUs burned on #6 fuel oil time 5.50 on an annual basis rolled monthly. This assumes a maximum emission rate of 0.41 lb/mmBTU(NOx) on oil and 0.08 lb/mmBTU(NOx)

on natural gas per previous stack testing. The BTUs from #6 fuel oil will be calculated as 0.15 mmBTU/gal and from Natural Gas as 1.05 mmBTU/MCF. Provisions for this method of compliance with 227-2.4(c)(2) are included under 227-2.5(b) "System-wide averaging option".

note: This boiler will be tested once during each term of the Title V Permit in order to re-establish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas.

Reference Test Method: Method 7E
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-33: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 1-33.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: A6O

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

Item 1-33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,

2) perform a stack test, based upon the approved test

protocol, to determine compliance with the particulate emission limit cited in this condition, and

3) all records shall be maintained at the facility for a minimum of five years.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 303: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 303.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: ANG

Item 303.2:
Compliance Certification shall include the following monitoring:

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

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-34: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

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

Replaces Condition(s) 305

Item 1-34.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: B6O

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

Item 1-34.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This boiler will be tested once during each term of the Title V Permit in order to re-establish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas. This ratio is calculated as:

[actual NOx (lb/mmBTU on oil) - 0.30 (allowable emission rate)] / [0.30 (allowable emission rate) - actual NOx(lb/mmBTU on Natural Gas)]

note: NOx emissions from NG must be < 0.30 lb/mmBTU in order to off-set NOx emissions from oil which is > 0.30 lb/mmBTU.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Method 7E
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 304: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 304.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: B6O

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

Item 304.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The BTUs burned on natural gas must be equal to or exceed the BTUs burned on #6 fuel oil times 0.760 on an annual basis rolled monthly. This assumes a maximum emission rate of 0.43 lb/mmBTU(NOx) on oil and 0.130 lb/mmBTU(NOx) on natural gas per previous stack testing. The BTUs from #6 fuel oil will be calculated as 0.15 mmBTU/gal and from Natural Gas as 1.05 mmBTU/MCF. Provisions for this method of compliance with 227-2.4(b)(1) are included under 227-2.5(b) "System-wide averaging option".

note: This boiler will be tested once during each term of the Title V Permit in order to re-establish the NOx emission rates and the allowable ratio of BTUs burned for oil to gas.

Reference Test Method: Method 7E
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-35: Compliance Certification
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 1-35.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: B6O

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

Item 1-35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,

2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and

3) all records shall be maintained at the facility for a minimum of five years.

If the boilers are decommissioned before the expiration of this permit and it has been less than 5 years since the last emissions test, GES shall not be required to test prior to decommissioning the boilers.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 306: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 306.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: BNG

Item 306.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 307: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 307.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: UNG

Item 307.2:
Compliance Certification shall include the following monitoring:

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

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

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

Condition 308: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 308.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003
Process: VNG

Item 308.2:
Compliance Certification shall include the following monitoring:

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

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

Condition 311: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 311.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003 Emission Point: 28003

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

Item 311.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 77 tpy for emission source CS301 (Boiler #14) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.43 lb/mmBTU on oil and 0.13 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 312: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 312.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003 Emission Point: 28003

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

Item 312.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emissions of NOx is limited to 20 tpy for emission source

CS302 (Boiler #15) in order to establish ERCs on an annual-rolled monthly basis. Fuel usage will be recorded and NOx calculated as 0.41 lb/mmBTU on oil and 0.08 lb/mmBTU on natural gas.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 313: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.4(d)

Item 313.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003 Emission Point: 28004

Item 313.2:
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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 314: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable Federal Requirement: 6NYCRR 227-2.4(d)

Item 314.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-28003 Emission Point: 28005

Item 314.2:
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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 315: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 315.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97004

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

Item 315.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/24/97.

Parameter Monitored: VOC
Upper Permit Limit: 4.0 tons per year

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 316: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 316.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97005
Process: UST

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

Item 316.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/24/97.

Parameter Monitored: VOC
Upper Permit Limit: 4.0 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 317: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 317.1:

The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97011

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

Item 317.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/24/97.

Parameter Monitored: VOC
Upper Permit Limit: 4.0 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 318: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 318.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97012

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

Item 318.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not

exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 8/18/94.

Parameter Monitored: VOC
Upper Permit Limit: 1.1 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 319: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 319.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97017
Process: NEU

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

Item 319.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 1/96.

Parameter Monitored: VOC
Upper Permit Limit: 1.1 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 320: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 320.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97020
Process: SOT

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

Item 320.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/24/97.

Parameter Monitored: VOC
Upper Permit Limit: 4.0 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 321: Compliance Certification
Effective between the dates of 11/27/2001 and 11/26/2006

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

Item 321.1:
The Compliance Certification activity will be performed for:

Emission Unit: W-97004 Emission Point: 97021
Process: SOT

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

Item 321.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Calculate VOC emissions to confirm that emissions do not exceed those which make it economically feasible to install control as evaluated in the economic analysis dated 4/24/97.

Parameter Monitored: VOC
Upper Permit Limit: 4.0 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 1-36: Contaminant List
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable State Requirement: ECL 19-0301

Item 1-36.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this

permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000075-65-0
Name: 2-METHYL-2-PROPANOL

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

CAS No: 000064-19-7
Name: ACETIC ACID

CAS No: 000075-36-5
Name: ACETYL CHLORIDE

CAS No: 007664-41-7
Name: AMMONIA

CAS No: 007782-50-5
Name: CHLORINE

CAS No: 000067-64-1
Name: DIMETHYL KETONE

CAS No: 000075-78-5
Name: DIMETHYLDICHLOROSILANE C2H6CL2SI

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

CAS No: 000100-41-4
Name: ETHYLBENZENE

CAS No: 0NY100-00-0
Name: HAP

CAS No: 000541-05-9
Name: HEXAMETHYLCYCLOTRISILOXANE

CAS No: 000107-46-0
Name: HEXAMETHYLDISILOXANE

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

CAS No: 000067-63-0
Name: ISOPROPYL ALCOHOL

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000074-87-3
Name: METHYL CHLORIDE

CAS No: 000075-79-6
Name: METHYLTRICHLOROSILANE CH3CI3SI

CAS No: 001185-55-3
Name: METHYLTRIMETHOXYSILANE C4H12O3SI

CAS No: 000556-67-2
Name: OCTAMETHYLCYCLOTETRA SILOXANE

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

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY075-00-5
Name: PM-10

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

CAS No: 001719-58-0
Name: SILANE, CHLOROETHENYLDIMETHYL

CAS No: 000124-70-9
Name: SILANE, DICHLOROETHENYLMETHYL

CAS No: 001112-39-6
Name: SILANE, DIMETHOXYDIMETHYL

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

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

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 010026-04-7
Name: TETRACHLORO SILANE

CAS No: 000108-88-3
Name: TOLUENE

CAS No: 0NY998-00-0
Name: VOC

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

Condition 1-37: Unavoidable noncompliance and violations
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-1.4

Item 1-37.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner,. shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 3-4: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-4.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-4.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-4.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-4.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-4.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for

which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-4.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH

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

Item 3-4.7:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-5: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-5.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-5.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-5.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating

hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-5.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-5.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-5.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62011
Process: CSD Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: FRP Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: MCR Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: TBA Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: TDI Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: TNK Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: TCS Emission Source: GF1C2

Emission Unit: C-27018 Emission Point: 62011
Process: TRC Emission Source: GF1C2

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

Item 3-5.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The spray tower water flow (GF1C2) is monitored to ensure sufficient control efficiency.

This monitoring activity also meets the requirements of 6 NYCRR 212.10(c)(4)(i) for VOC (RACT) and 6 NYCRR 212.4(c) for PM.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-6: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-6.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-6.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-6.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-6.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-6.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-6.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-28002
Process: 18G Emission Source: CS601

Emission Unit: U-28002
Process: 18O Emission Source: CS601

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

Item 3-6.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
SO2 emissions from ES CS601 (boiler #18), calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2 July 1998, and Table 1.3-1 September 1998, may not exceed 40 tpy on an annual rolled monthly basis.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-7: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-7.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-7.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-7.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-7.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-7.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-7.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62005
Process: FRP Emission Source: GE557

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE514

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE515

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE516

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE522

Emission Unit: C-27018 Emission Point: 62011
Process: FRP Emission Source: GE557

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GE514

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GE515

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GE516

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GE522

Emission Unit: C-27018 Emission Point: 62005
Process: MCR Emission Source: GE559

Emission Unit: C-27018 Emission Point: 62005
Process: TBA Emission Source: GE521

Emission Unit: C-27018 Emission Point: 62005
Process: TDI Emission Source: GE510

Emission Unit: C-27018 Emission Point: 62005
Process: TRC Emission Source: GE528

Emission Unit: C-27018 Emission Point: 62011
Process: MCR Emission Source: GE559

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GE557

Emission Unit: C-27018 Emission Point: 62011
Process: TBA Emission Source: GE521

Emission Unit: C-27018 Emission Point: 62011
Process: TDI Emission Source: GE510

Emission Unit: C-27018 Emission Point: 62011
Process: TRC Emission Source: GE528

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

Item 3-7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
All emission from sources GE510, GE514, GE515, GE16, GE521, GE522, GE528, GE557 and GE559 must vent through EP 62005 or 62011.

These tanks are hardpiped to the control devices. No additional monitoring is required.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-8: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-8.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-8.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-8.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-8.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-8.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for

which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-8.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 27018
Process: SST

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

Item 3-8.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The water flow to the scrubber is monitored to ensure the scrubber is operating at the required control efficiency. This compliance monitoring requirement also satisfies the requirements of 6 NYCRR 212.10(c)(4)(i).

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 8 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-9: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-9.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-9.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms,

conditions and standards in this permit.

Item 3-9.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-9.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-9.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-9.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 97001

Emission Unit: C-27018 Emission Point: 97002

Emission Unit: C-27018 Emission Point: 97003

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

Item 3-9.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility will comply with the provisions of the 6 NYCRR Part 373 permit which influence air emissions from the Fixed Box #2 Incinerator (EP97001 and 97002) and the Rotary Kiln Incinerator (EP 97003).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-10: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-10.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-10.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-10.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-10.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-10.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-10.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-28002

Emission Unit: U-28003

Regulated Contaminant(s):

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

Item 3-10.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The total SO2 emissions from EUs 28002 and U28003 combined may not exceed 70.5 tpy on a 12 month rolling basis. Fuel use will be monitored and SO2 emissions calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2, July 1998, and Table 1.3-1, September 1998, and allowable sulfur content.

The total PM emissions from EUs U28002 and U28003 combined may not exceed 15.5 tpy on a 12 month rolling basis. Fuel use will be monitored and particulate emissions calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2, July 1998, and Table 1.3-1, September 1998.

The total PM-10 emissions from EUs U28002 and U28003 combined may not exceed 15.5 tpy on a 12 month rolling basis. Fuel use will be monitored and particulate emissions calculated using AP-42 emission factors from EPA TTN CHIEF website Table 1.4-2, July 1998, and Table 1.3-1, September 1998.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-11: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-11.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-11.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-11.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-11.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-11.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-11.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-61007
Process: SGO

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

Item 3-11.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The old silicon grinding plant is inoperable, and will require significant renovation in order to become operational. This certification will become applicable upon startup of the old silicon grinding plant. The old silicon grinding plant will not operate more than 6600

hours per year. A record will be kept to document that the plant is operated. This requirement results from the MCS IV project which affected EP#s 27018, 27022, 27023, 28002, 28003, 28004, 28005, 28006, 55005, 57004, 61001, 61002, 61003, 61005, 61006, 62005, 62011, 62007, 65001, 95002, 97001, 97002, and 97003.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 6600 hours
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-12: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-12.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-12.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-12.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-12.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-12.5:

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

Item 3-12.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62005
Process: CSD Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: FRP Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: TBA Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: TCS Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: TDI Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: TNK Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: MCR Emission Source: GE5C1

Emission Unit: C-27018 Emission Point: 62005
Process: TRC Emission Source: GE5C1

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

Item 3-12.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
All emission from sources GE510, GE514, GE515, GE16, GE521, GE522, GE528, GE557 and GE559 must vent through EP 62005 & 62011. These tanks are hard-piped to the control

devices. No additional monitoring is required. The tower water flow (ES - GE5C1) is monitored to ensure sufficient control efficiency. This monitoring activity assures compliance with the requirements of 6 NYCRR 231-2 (capping), 6 NYCRR 212.10(c)(4)(i), and 40 CFR 60 Subpart Kb for VOC emissions; 6 NYCRR 212.4(c) for Partriculate emissions; and 6 NYCRR 212.9(b) for silane, chloro methyl derivatives (068479-14-1).

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-13: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-13.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-13.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-13.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-13.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-13.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-13.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH

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

Item 3-13.7:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-14: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-14.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-14.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-14.3:

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

Item 3-14.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-14.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-14.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62005
Process: CSD Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: FRP Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: MCR Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: MCS Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: TBA Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: TCS Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: TDI Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: TNK Emission Source: GE5C2

Emission Unit: C-27018 Emission Point: 62005
Process: TRC Emission Source: GE5C2

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

Item 3-14.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The venturi water flow (GE5C2) is monitored to ensure sufficient control efficiency. This monitoring activity also assures complince with the VOC requirements of 6 NYCRR 212.10(c)(4)(i), and 40 CFR 60 Subpart Kb. It also assures compliance with Particulate requirements under 6 NYCRR 212.4(c).

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 60 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-15: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-15.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-15.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-15.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating

hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-15.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-15.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-15.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 97003

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

Item 3-15.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
This compliance monitoring cap is for purposes of complying with PSD.

1. Annual SO2 emissions from this emission point shall be less than 40 TPY.

2. Compliance with limit (1) shall be demonstrated by monitoring and recording the amount of fuel oil and APS waste burned daily in this emission point. GE shall maintain a record of SO2 emissions, calculated using 0.00332 lb SO2/gal for APS and an AP-42 emission factor from EPA TTN CHIEF Table 1.3-1, September 1998, combined with the maximum allowable sulfur content shall be used for fuel oil combustion.

3. Fuel use records and records of total SO2 emissions must be maintained at GE for 5 years after being recorded,

and must be made available to representative of either NYSDEC or USEPA upon request during normal business hours.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 40 tons per year
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-16: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-16.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-16.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-16.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-16.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-16.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-16.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-28002

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

Item 3-16.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total SO2 emissions from emission unit U28002 may not exceed 42.5 tpy on an annual rolled monthly basis.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-17: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-17.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 3-17.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-17.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution

control requirements, regulations or law.

Item 3-17.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-17.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-17.6:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 3-17.7:
Compliance Demonstration shall include the following monitoring:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL
Parameter Monitored: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-18: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-18.1:

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

40CFR 52-A.21

Item 3-18.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-18.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-18.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-18.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-18.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-62008
Process: OFO Emission Source: FW501

Emission Unit: C-62008
Process: OFO Emission Source: FY401

Emission Unit: C-62008
Process: OFO Emission Source: GJ101

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3-18.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The three hot oil furnaces are currently incapable of burning fuel oil. This certification will become applicable upon the furnaces becoming capable of burning #2 fuel oil.

Each of the three hot oil furnaces in the MCS area will accept an operational limit of 984 hours per year No. 2 fuel oil usage per furnace. This activity will effectively cap these sources out of PSD requirements. A record will be kept to document each day that a hot oil furnace burns No. 2 fuel oil. This requirement results from the MCS IV project which affected EP#s 27018, 27022, 27023, 28002, 28003, 28004, 28005, 28006, 55005, 57004, 61001, 61002, 61003, 61005, 61006, 62005, 62011, 62007, 65001, 95002, 97001, 97002, and 97003.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 984 hours
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-19: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-19.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-19.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-19.3:

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

Item 3-19.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-19.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-19.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-28002

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

Item 3-19.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total NOx emissions from emission unit U28002 may not exceed 143 tpy on an annual rolled monthly basis.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-20: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-20.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-20.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-20.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-20.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-20.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-20.6:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-28002

Emission Unit: U-28003

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

Item 3-20.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The total emissions of NOx from Emission Units U28002 and

U28003 (combined) may not exceed 223.5 tpy on a rolling 12 month basis. Fuel use will be monitored to assure compliance with this requirement.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 3-21: Capping Monitoring Condition
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-21.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 3-21.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3-21.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3-21.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3-21.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3-21.6:
The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62011
Process: CSD Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: FRP Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: MCR Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: MCS Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: TBA Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: TCS Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: TDI Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: TNK Emission Source: GF1C1

Emission Unit: C-27018 Emission Point: 62011
Process: TRC Emission Source: GF1C1

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

Item 3-21.7:
Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The spray tower water flow (GF1C1) is monitored to ensure sufficient control efficiency.

This monitoring activity also meets the requirements of 6 NYCRR 212.10(c)(4)(i) for VOC (RACT) and 6 NYCRR 212.4(c) for PM.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 325: Air pollution prohibited
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 211.2

Item 325.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 1-38: Compliance Demonstration
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Replaces Condition(s) 327

Item 1-38.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 000541-05-9 HEXAMETHYLCYCLOTRISILOXANE

Item 1-38.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 0.5 gallons per minute
Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 1-39: Compliance Demonstration
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Replaces Condition(s) 335

Item 1-39.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000075-36-5 ACETYL CHLORIDE
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 000064-19-7 ACETIC ACID

Item 1-39.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 13.4 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.

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

Condition 326: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 326.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-23002

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

Item 326.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flowrate to the scrubber will be monitored to meet required control efficiency.

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 20 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 328: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 328.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: BE2

Regulated Contaminant(s):
CAS No: 000064-17-5 ETHYL ALCOHOL (ETHANOL)
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000067-63-0 ISOPROPYL ALCOHOL
CAS No: 000067-64-1 DIMETHYL KETONE
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000108-88-3 TOLUENE
CAS No: 001330-20-7 XYLENE, M, O & P MIXT.
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE

Item 328.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow for eductor scrubber will be recorded (on/off) to ensure sufficient control efficiency. This process emits through two emission points 24946 and 24947. The lower limit of monitoring ensures compliance with all process batch operations.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 12 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 329: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 329.1:
The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: BE1

Regulated Contaminant(s):
CAS No: 000064-17-5 ETHYL ALCOHOL (ETHANOL)
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000067-63-0 ISOPROPYL ALCOHOL
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000108-88-3 TOLUENE
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE
CAS No: 001330-20-7 XYLENE, M, O & P MIXT.
CAS No: 000067-64-1 DIMETHYL KETONE

Item 329.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Water flow for eductor scrubber (CG6C1) will be recorded (on/off) to ensure sufficient control efficiency. This process is controlled by one eductor scrubber which emits through two emission points 24946 and 24947. The lower limit of monitoring ensures compliance with all process batch operations.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 9 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 330: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 330.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: BQD

Regulated Contaminant(s):
CAS No: 000064-17-5 ETHYL ALCOHOL (ETHANOL)
CAS No: 000067-64-1 DIMETHYL KETONE
CAS No: 000107-46-0 HEXAMETHYLDISILOXANE
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 000100-41-4 ETHYLBENZENE

Item 330.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored to ensure sufficient control efficiency. This monitoring activity also assures compliance of 0NY998-00-0 (VOC) emissions with 212.10(c)(4)(i). This process emits through two emission points 24307 and 24308.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 55 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 331: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 331.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: BND

Regulated Contaminant(s):

CAS No: 000067-64-1 DIMETHYL KETONE
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000107-46-0 HEXAMETHYLDISILOXANE
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 000064-17-5 ETHYL ALCOHOL (ETHANOL)

Item 331.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored to ensure sufficient control efficiency. This process emits through two emission points 24208 and 24207. The upper limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured temperature rises above the upper limit of monitoring.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 55 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 332: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 332.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 000064-19-7 ACETIC ACID
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 007647-01-0 HYDROGEN CHLORIDE

CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 000075-36-5 ACETYL CHLORIDE

Item 332.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.0 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 333: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 333.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 000064-19-7 ACETIC ACID
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 000075-36-5 ACETYL CHLORIDE

Item 333.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 6.9 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 334: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 334.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH Emission Point: 76006

Regulated Contaminant(s):
CAS No: 000064-19-7 ACETIC ACID
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 000075-36-5 ACETYL CHLORIDE

Item 334.2:
Compliance Demonstration shall include the following monitoring:

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

monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as evidence of compliance with contaminant control efficiency when the measured flowrate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 19.4 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 336: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 336.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: HAS

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

Item 336.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be monitored to ensure sufficient control efficiency. The lower limit of monitoring ensures compliance with all process batch operations. Engineering calculations will be used as

evidence of compliance with contaminant control efficiency when the measured flowrate falls below the lower limit of monitoring.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 337: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 337.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 5PR

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC
CAS No: 000108-88-3 TOLUENE

Item 337.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For grade 88476 (rework) the condenser outlet gas temperature will be maintained to ensure sufficient control efficiency.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 55 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 338: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 338.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH Emission Point: 76001

Regulated Contaminant(s):
CAS No: 000064-19-7 ACETIC ACID
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000067-64-1 DIMETHYL KETONE
CAS No: 000075-36-5 ACETYL CHLORIDE
CAS No: 000075-78-5 DIMETHYLDICHLOROSILANE C2H6CL2SI
CAS No: 000075-79-6 METHYLTRICHLOROSILANE CH3CI3SI
CAS No: 000107-46-0 HEXAMETHYLDISILOXANE
CAS No: 000108-88-3 TOLUENE
CAS No: 000124-70-9 SILANE, DICHLOROETHENYLMETHYL
CAS No: 000556-67-2 OCTAMETHYLCYCLOTETRA SILOXANE
CAS No: 001112-39-6 SILANE, DIMETHOXYDIMETHYL
CAS No: 001719-58-0 SILANE, CHLOROETHENYLDIMETHYL
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 010026-04-7 TETRACHLORO SILANE
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS
CAS No: 001185-55-3 METHYLTRIMETHOXYSILANE C4H12O3SI

Item 338.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
A flow meter is used to monitor the water flow rate to the scrubber to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 72 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED

VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 339: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 339.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: F-INISH
Process: 3MH

Regulated Contaminant(s):
CAS No: 000075-94-5 SILANE, TRICHLOROETHENYL C2H3CL3SI
CAS No: 000124-70-9 SILANE, DICHLOROETHENYLMETHYL
CAS No: 001066-35-9 SILANE,CHLORODIMETHYL C2H7CLSI
CAS No: 001185-55-3 METHYLTRIMETHOXYSILANE C4H12O3SI
CAS No: 000067-64-1 DIMETHYL KETONE

Item 339.2:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 340: Compliance Demonstration

Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 340.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62005

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

Item 340.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The venturi water flow (ES-GE5C2) is monitored to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 60 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 341: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 341.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-27018 Emission Point: 62005

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

Item 341.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The tower water flow (ES-GE5C1) is monitored to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

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

Condition 3-22: Process Permissible Emissions
Effective between the dates of 03/01/2005 and 11/26/2006

Applicable State Requirement: 6NYCRR 201-7

Item 3-22.1:
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: U-28002 Process: 18O

CAS No: 007446-09-5 (From Mod 3)
Name: SULFUR DIOXIDE
PTE(s): 80,000 pounds per year

Condition 343: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 343.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018
Process: CMP

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

Item 343.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 95 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 344: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 344.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018
Process: SST

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

Item 344.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 8 gallons per minute
Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 345: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 345.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018
Process: WES

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

Item 345.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water flow rate will be monitored to ensure it is greater than or equal to 3 gallons per minute.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 3 gallons per minute
Monitoring Frequency: PER SHIFT
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 1-40: Compliance Demonstration
Effective between the dates of 09/01/2002 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Replaces Condition(s) 346

Item 1-40.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018 Emission Point: 35006
Process: LDH Emission Source: EB602

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

Item 1-40.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 1.5 gallons per minute
Monitoring Frequency: PER SHIFT
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 348: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 348.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018 Emission Point: 62007

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

Item 348.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The scrubber water flow (ES-GE7C2) is monitored to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 100 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 349: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 349.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018 Emission Point: 62011

Regulated Contaminant(s):
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS

Item 349.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The venturi water flow (ES-GF1C2) is monitored to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 125 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 350: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 350.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27018 Emission Point: 62011

Regulated Contaminant(s):
CAS No: 068479-14-1 SILANE, CHLORO METHYL DERIVS

Item 350.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The tower water flow (GF1C1) is monitored to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 90 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 351: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 351.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-27035 Emission Point: 27035

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

Item 351.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The packed tower water scrubber flow is maintained at a minimum of 5 gpm to ensure 99% control efficiency for Part 212.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 352: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 352.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-62014
Process: FSS

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE

Item 352.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Silane feed rate is not to exceed 3,750 lb/hr.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 353: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 353.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-62014
Process: FSS

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE

Item 353.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Scrubber water pH must be 9.0 or greater.

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 354: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 354.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: C-62014
Process: FSS

Regulated Contaminant(s):
CAS No: 007782-50-5 CHLORINE

Item 354.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Scrubber water recirculation will be monitored to ensure control efficiency. The lower limit of monitoring ensures compliance with all process operations. Engineering calculations will be used as compliance with chlorine control efficiency when the measured flowrate falls below the lower limit of monitoring.

Process Material: WATER
Parameter Monitored: RECIRCULATION RATE
Lower Permit Limit: 90 gallons per minute

Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 355: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 355.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH
Process: DG2

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

Item 355.2:
Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 30 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 356: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 356.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH
Process: TFR

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

Item 356.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Condenser outlet temperature will be monitored once per batch to ensure sufficient control efficiency. This process emits through two emission points 32026 and 32027.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 67 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 357: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 357.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 24944
Process: ESH

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

Item 357.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be recorded (on/off) for each batch to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 64 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 358: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 358.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 24945
Process: ESH

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

Item 358.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be recorded (on/off)

for each batch to ensure sufficient control efficiency.

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 64 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 359: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 359.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 31019
Process: BM2

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

Item 359.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Production of grades RTY400T and RTY427 will be monitored to confirm that they are not made simultaneously in the mixers that vent to EP 31019.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 360: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 360.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 31041
Process: DM5

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

Item 360.2:
Compliance Demonstration shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 2.4 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 361: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 361.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 32028
Process: TFS

Regulated Contaminant(s):
CAS No: 000107-46-0 HEXAMETHYLDISILOXANE

Item 361.2:
Compliance Demonstration shall include the following monitoring:

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

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

Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 10 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 362: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 362.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 37016
Process: 5PR

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

Item 362.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
For grade 88476 (main process) the condenser outlet gas temperature will be maintained to ensure sufficient control efficiency.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 41 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 363: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 363.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 71010
Process: TTU

Regulated Contaminant(s):
CAS No: 000075-79-6 METHYLTRICHLOROSILANE CH3CI3SI

Item 363.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Water flow to the scrubber is recorded (on/off) to ensure sufficient control efficiency.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 364: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 364.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 76710
Process: HAS

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

Item 364.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
HIGH ACID SCRUBBER WATER FLOW WILL BE MONITORED TO ENSURE SUFFICIENT CONTROL EFFICIENCY. THIS MONITORING ACTIVITY ALSO ASSURES COMPLIANCE FOR EMISSIONS OF

75-65-0 2-METHYL-2-PROPANOL
67-64-1 DIMETHYL KETONE
75-36-5 ACETYL CHLORIDE
7647-01-0 HYDROGEN CHLORIDE
1112-39-6 SILANE, DIMETHOXYDIMETHYL

THE LOWER LIMIT OF MONITORING ENSURES COMPLIANCE WITH ALL PROCESS BATCH OPERATIONS. ENGINEERING CALCULATIONS WILL BE USED AS EVIDENCE OF COMPLIANCE WITH CONTAMINANT CONTROL EFFICIENCY WHEN THE MEASURED FLOWRATE FALLS BELOW THE LOWER LIMIT OF MONITORING.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 365: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 365.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 76711
Process: HAS

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

Item 365.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
High acid scrubber water flow will be monitored to ensure sufficient control efficiency this monitoring activity also assures compliance for emissions of

75-65-0 2-Methyl-2-Propanol
67-64-1 Dimethyl Ketone
75-36-5 Acetyl Chloride
7647-01-0 Hydrogen Chloride
1112-39-6 Silane, Dimethoxydimethyl

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

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 40 gallons per minute
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 366: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 366.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: F-INISH Emission Point: 85008
Process: RCC

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

Item 366.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Outlet temperature of condensing column HO8C1 will be monitored to ensure sufficient control efficiency.

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

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 75 degrees Centigrade (or Celsius)
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 367: Compliance Demonstration
Effective between the dates of 11/27/2001 and 11/26/2006

Applicable State Requirement: 6NYCRR 212.9(b)

Item 367.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: T-14009
Process: MVT

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

Item 367.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The water drum will be changed out every 20 batches of ammonia producing grades.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).