

New York State Department of Environmental Conservation
Facility DEC ID: 4421500054



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-4215-00054/00173
Mod 0 Effective Date: 08/02/2002 Expiration Date: 08/02/2007
Mod 1 Effective Date: 10/06/2006 Expiration Date: 08/02/2007
Mod 4 Effective Date: 07/10/2006 Expiration Date: 08/02/2007

Permit Issued To: GENERAL ELECTRIC CO
3135 EASTON TPKE
FAIRFIELD, CT 06431

Contact: KEVIN J SHARKEY
GE ENERGY
1 RIVER RD
SCHENECTADY, NY 12345
(518) 385-1900

Facility: GENERAL ELECTRIC STEAM TURBINE GENERATOR GLOBAL
1 RIVER RD
SCHENECTADY, NY 12345

Contact: LORI A BUTLER
GENERAL ELECTRIC COMPANY
1 RIVER RD
SCHENECTADY, NY 12345
(518) 385-2603

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: NANCY M ADAMS
1150 NORTH WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the 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, modifications and transfers
Applications for Permit Renewals and Modifications
Permit modifications, suspensions or revocations by the Department
Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 4
HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

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:



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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

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

Condition 1-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

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

Item 4.1:

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;

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

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

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

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

Condition 1-3: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: GENERAL ELECTRIC CO
3135 EASTON TPKE
FAIRFIELD, CT 06431

Facility: GENERAL ELECTRIC STEAM TURBINE GENERATOR GLOBAL
1 RIVER RD
SCHENECTADY, NY 12345

Authorized Activity By Standard Industrial Classification Code:
3511 - TURBINES AND TURBINE GENERATOR

Mod 0 Permit Effective Date: 08/02/2002

Permit Expiration Date: 08/02/2007

Mod 4 Permit Effective Date: 07/10/2006

Permit Expiration Date: 08/02/2007

Mod 1 Permit Effective Date: 10/06/2006

Permit Expiration Date: 08/02/2007



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 1-2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(e): Compliance Certification
- 9 6NYCRR 202-2.1: Compliance Certification
- 10 6NYCRR 202-2.5: Recordkeeping requirements
- 1-3 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 1-4 6NYCRR 200.7: Maintenance of Equipment
- 1-5 6NYCRR 201-1.7: Recycling and Salvage
- 1-6 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 1-7 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 1-8 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 1-9 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 1-10 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 1-11 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 1-12 6NYCRR 202-1.1: Required Emissions Tests
- 1-13 6NYCRR 211.3: Visible Emissions Limited
- 1-14 40CFR 68: Accidental release provisions.
- 24 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1-15 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 1 6NYCRR 201-6: Emission Unit Definition
 - 2 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
 - 6 6NYCRR 201-6.5(f): Compliance Certification
 - 7 6NYCRR 201-6.5(g): Non Applicable requirements
- 1-16 6NYCRR 201-7: Facility Permissible Emissions
 - *1-17 6NYCRR 201-7: Capping Monitoring Condition
- 11 6NYCRR 207: Submittal of Episode Action Plans
- 12 6NYCRR 212.10(a): NO_x and VOC RACT at Major Facilities
- 13 6NYCRR 212.10(e): RACT Applicability for Major Facilities
- 14 6NYCRR 225-1.2(a)(2): Compliance Certification
- 15 6NYCRR 225-1.2(a)(2): Compliance Certification
- 16 6NYCRR 225-1.6(b): Compliance.
- 17 6NYCRR 227-2.1: This condition states the facility is applicable to NO_x RACT.
- 18 6NYCRR 228.1(d)(4): Compliance must be demonstrated upon start up
- 19 6NYCRR 228.1(g): Once in, always in
- 20 6NYCRR 228.1(h)(13): Compliance Certification
- 21 6NYCRR 228.10: Handling, storage, and disposal of volatile organic

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compounds

22 40CFR 61, NESHAP Subpart M: National Emission Standard for Asbestos

25 40CFR 82, Subpart H: Halon Emissions Reduction

Emission Unit Level

26 6NYCRR 201-6: Emission Point Definition By Emission Unit

27 6NYCRR 201-6: Process Definition By Emission Unit

1-18 6NYCRR 201-7: Emission Unit Permissible Emissions

1-19 6NYCRR 201-7: Process Permissible Emissions

EU=1-GNRTR

*1-20 6NYCRR 201-7: Capping Monitoring Condition

*1-21 6NYCRR 201-7: Capping Monitoring Condition

*1-22 6NYCRR 201-7: Capping Monitoring Condition

*1-23 6NYCRR 201-7: Capping Monitoring Condition

EU=1-GNRTR,Proc=AIR

41 6NYCRR 212.4(b): Emissions from new emission sources and/or
modifications not specified by Table 2

42 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=B17

43 6NYCRR 212.4(b): Emissions from new emission sources and/or
modifications not specified by Table 2

44 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=CC1

45 6NYCRR 212.4(c): Compliance Certification

46 6NYCRR 212.4(c): Compliance Certification

47 6NYCRR 212.6(a): Compliance Certification

48 6NYCRR 212.6(a): Compliance Certification

49 6NYCRR 228.1(a): Applicability and compliance

50 6NYCRR 228.2: Compliance Certification

51 6NYCRR 228.3(a): Compliance Certification

52 6NYCRR 228.4: Compliance Certification

53 6NYCRR 228.4: Compliance Certification

54 6NYCRR 228.5(a): Compliance Certification

55 6NYCRR 228.5(b): method 24 40 CFR 60

56 6NYCRR 228.5(c): Alternative Analytical Methods

57 6NYCRR 228.5(d): samples

58 6NYCRR 228.6(a): prohibition of sale or specification

59 6NYCRR 228.6(b): certification

EU=1-GNRTR,Proc=CLN

60 6NYCRR 212.4(b): Emissions from new emission sources and/or
modifications not specified by Table 2

EU=1-GNRTR,Proc=CY1



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- 61 6NYCRR 212.4(b): Emissions from new emission sources and/or modifications not specified by Table 2
- 62 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=CY2

- 63 6NYCRR 212.4(b): Emissions from new emission sources and/or modifications not specified by Table 2
- 64 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=G01

- *1-24 6NYCRR 201-7: Capping Monitoring Condition
- 65 6NYCRR 228.1(a): Applicability and compliance
- 66 6NYCRR 228.3(b): afterburner - 80% overall removal efficiency of volatile organic compounds
- 67 6NYCRR 228.3(b): Compliance Certification
- 68 6NYCRR 228.3(b): Compliance Certification
- 69 6NYCRR 228.3(b): Compliance Certification
- 70 6NYCRR 228.3(c): solids as applied
- 71 6NYCRR 228.4: Compliance Certification
- 72 6NYCRR 228.5(a): Compliance Certification
- 73 6NYCRR 228.5(b): method 24 40 CFR 60
- 74 6NYCRR 228.5(c): Alternative Analytical Methods
- 75 6NYCRR 228.5(d): samples
- 76 6NYCRR 228.5(e)(2): control equipment other than VOC/solvent recovery
- 77 6NYCRR 228.5(f): Control requirement
- 78 6NYCRR 228.6(a): prohibition of sale or specification
- 79 6NYCRR 228.6(b): certification

EU=1-GNRTR,Proc=K24

- 81 6NYCRR 212.4(b): Emissions from new emission sources and/or modifications not specified by Table 2
- 82 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=LA1

- 83 6NYCRR 228.1(a): Applicability and compliance
- 84 6NYCRR 228.2: Compliance Certification
- 85 6NYCRR 228.3(a): Compliance Certification
- 86 6NYCRR 228.4: Compliance Certification
- 87 6NYCRR 228.5(a): Compliance Certification
- 88 6NYCRR 228.5(b): method 24 40 CFR 60
- 89 6NYCRR 228.5(c): Alternative Analytical Methods
- 90 6NYCRR 228.5(d): samples
- 91 6NYCRR 228.6(a): prohibition of sale or specification
- 92 6NYCRR 228.6(b): certification

EU=1-GNRTR,Proc=LA2

- 93 6NYCRR 212.4(b): Emissions from new emission sources and/or

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modifications not specified by Table 2

- 94 6NYCRR 212.4(c): Compliance Certification
- 95 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=LA3

- 96 6NYCRR 228.1(a): Applicability and compliance
- 97 6NYCRR 228.2: Compliance Certification
- 98 6NYCRR 228.3(a): Compliance Certification
- 99 6NYCRR 228.4: Compliance Certification
- 100 6NYCRR 228.5(a): Compliance Certification
- 101 6NYCRR 228.5(b): method 24 40 CFR 60
- 102 6NYCRR 228.5(c): Alternative Analytical Methods
- 103 6NYCRR 228.5(d): samples
- 104 6NYCRR 228.6(a): prohibition of sale or specification
- 105 6NYCRR 228.6(b): certification

EU=1-GNRTR,Proc=LA4

- 106 6NYCRR 201-6.5(f): Compliance Certification
- 107 6NYCRR 228.1(a): Applicability and compliance
- 108 6NYCRR 228.3(b): afterburner - 80% overall removal efficiency of
volatile organic compounds
- 109 6NYCRR 228.3(b): Compliance Certification
- 110 6NYCRR 228.3(b): Compliance Certification
- 111 6NYCRR 228.3(b): Compliance Certification
- 112 6NYCRR 228.3(c): solids as applied
- 113 6NYCRR 228.4: Compliance Certification
- 114 6NYCRR 228.5(a): Compliance Certification
- 115 6NYCRR 228.5(b): method 24 40 CFR 60
- 116 6NYCRR 228.5(c): Alternative Analytical Methods
- 117 6NYCRR 228.5(d): samples
- 118 6NYCRR 228.5(e)(2): control equipment other than VOC/solvent recovery
- 119 6NYCRR 228.5(f): Control requirement
- 120 6NYCRR 228.6(a): prohibition of sale or specification
- 121 6NYCRR 228.6(b): certification

EU=1-GNRTR,Proc=LO1

- 122 6NYCRR 212.4(b): Emissions from new emission sources and/or
modifications not specified by Table 2
- 123 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=STM

- 124 6NYCRR 212.4(b): Emissions from new emission sources and/or
modifications not specified by Table 2
- 125 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,Proc=VNT

- 126 6NYCRR 212.4(b): Emissions from new emission sources and/or

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modifications not specified by Table 2

127 6NYCRR 212.6(a): Compliance Certification

128 6NYCRR 212.6(a): Compliance Certification

EU=1-GNRTR,EP=03056,Proc=B17

*1-25 6NYCRR 201-7: Capping Monitoring Condition

EU=1-GNRTR,EP=03057,Proc=B17

*1-26 6NYCRR 201-7: Capping Monitoring Condition

EU=1-GNRTR,EP=04064,Proc=CY1

*1-27 6NYCRR 201-7: Capping Monitoring Condition

EU=1-GNRTR,EP=04066,Proc=CY1

*1-28 6NYCRR 201-7: Capping Monitoring Condition

EU=1-GNRTR,EP=04072,Proc=CY1

*1-29 6NYCRR 201-7: Capping Monitoring Condition

EU=1-LASER,Proc=LSR

134 6NYCRR 212.4(c): Compliance Certification

135 6NYCRR 212.4(c): Compliance Certification

136 6NYCRR 212.6(a): Compliance Certification

EU=B-OILRS

137 6NYCRR 227-1.3(a): Compliance Certification

138 6NYCRR 227-1.6(a): Corrective Action

139 6NYCRR 227-1.6(b): Corrective Action

140 6NYCRR 227-1.6(c): Corrective Action

141 6NYCRR 227-1.6(d): Corrective Action

EU=B-OILRS,Proc=67G

142 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired mid-sized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

143 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 Cfr 60 Subpart A

144 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification

145 40CFR 60.48c(i), NSPS Subpart Dc: Duration of records maintained.

EU=B-OILRS,Proc=67O

146 6NYCRR 227-1.3: Compliance Certification

147 6NYCRR 227.2(b)(1): Compliance Certification

148 40CFR 52.21, Subpart A: Compliance Certification

149 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 Cfr 60 Subpart A

150 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification



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- 151 40CFR 60.42c(g), NSPS Subpart Dc: Averaging period.
- 152 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 153 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 154 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 155 40CFR 60.44c(g), NSPS Subpart Dc: Alternative compliance methods for sulfur dioxide.
- 156 40CFR 60.45c, NSPS Subpart Dc: Compliance methods for particulate matter.
- 157 40CFR 60.46c(d)(1), NSPS Subpart Dc: Compliance Certification
- 158 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification
- 159 40CFR 60.47c, NSPS Subpart Dc: Opacity monitoring requirements.
- 160 40CFR 60.47c, NSPS Subpart Dc: Opacity monitoring requirements.
- 161 40CFR 60.47c(a), NSPS Subpart Dc: Compliance Certification
- 162 40CFR 60.48c(b), NSPS Subpart Dc: Compliance Certification
- 163 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Certification
- 164 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 165 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Certification
- 166 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification
- 167 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 168 40CFR 60.48c(i), NSPS Subpart Dc: Duration of records maintained.

EU=B-OILRS,Proc=67O,ES=0002A

- *1-30 6NYCRR 201-7: Capping Monitoring Condition
- *1-31 6NYCRR 201-7: Capping Monitoring Condition
- *1-32 6NYCRR 201-7: Capping Monitoring Condition
- 170 6NYCRR 227-2.4(c): Compliance Certification

EU=B-OILRS,Proc=67O,ES=0004B

- *1-33 6NYCRR 201-7: Capping Monitoring Condition
- *1-34 6NYCRR 201-7: Capping Monitoring Condition
- *1-35 6NYCRR 201-7: Capping Monitoring Condition
- 174 6NYCRR 227-2.4(c): Compliance Certification

EU=B-OILRS,Proc=B5G

- 177 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

EU=B-OILRS,Proc=B5O

- 178 6NYCRR 227-1.3: Compliance Certification
- 179 6NYCRR 227-1.3: Compliance Certification
- 180 6NYCRR 227-2.4(c)(2): Compliance Certification
- 181 6NYCRR 227.2(b)(1): Compliance Certification
- 182 40CFR 52.21, Subpart A: Compliance Certification
- 183 40CFR 52.21, Subpart A: Compliance Certification

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EU=B-OILRS,EP=00004

184 6NYCRR 227-1.2(b): Multiple combustion sources.

EU=E-LBATH,Proc=BTH

185 6NYCRR 212.4(c): Compliance Certification

186 6NYCRR 212.6(a): Compliance Certification

EU=E-XMBLR

187 6NYCRR 227-2.4(g): Compliance Certification

EU=E-XMBLR,Proc=2FO

*1-36 6NYCRR 201-7: Capping Monitoring Condition

188 6NYCRR 225-1.8(a): Compliance Certification

EU=E-XMBLR,EP=00009,Proc=2FO

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

EU=S-ANDER,Proc=SAN

191 6NYCRR 212.4(c): Compliance Certification

192 6NYCRR 212.4(c): Compliance Certification

193 6NYCRR 212.6(a): Compliance Certification

EU=T-URBIN

*1-37 6NYCRR 201-7: Capping Monitoring Condition

194 6NYCRR 228.9: products regulated

EU=T-URBIN,Proc=CC2

196 6NYCRR 212.4(c): Compliance Certification

197 6NYCRR 212.4(c): Compliance Certification

198 6NYCRR 212.6(a): Compliance Certification

199 6NYCRR 212.6(a): Compliance Certification

200 6NYCRR 228.1(a): Applicability and compliance

201 6NYCRR 228.2: Compliance Certification

202 6NYCRR 228.3(a): Compliance Certification

203 6NYCRR 228.4: Compliance Certification

204 6NYCRR 228.4: Compliance Certification

205 6NYCRR 228.5(a): Compliance Certification

206 6NYCRR 228.5(b): method 24 40 CFR 60

207 6NYCRR 228.5(c): Alternative Analytical Methods

208 6NYCRR 228.5(d): samples

209 6NYCRR 228.6(a): prohibition of sale or specification

210 6NYCRR 228.6(b): certification

211 6NYCRR 228.7: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level



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212 ECL 19-0301: Contaminant List

213 6NYCRR 201-1.4: Unavoidable noncompliance and violations

214 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

EU=B-OILRS,Proc=67O

215 6NYCRR 227-1.2(a)(2): Compliance Demonstration

EU=B-OILRS,Proc=B5O

216 6NYCRR 227-1.2(a)(2): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 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 B: 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



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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 C: 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 D: 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 E: 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 F: 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 G: 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



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order to maintain compliance with the conditions of this permit.

Item H: 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 I: 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 J: 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

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Act;

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

Item K: Reopening for Cause - 6 NYCRR 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



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

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

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Condition 1-1: Acceptable Ambient Air Quality
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 200.6

Item 1-1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 1-2: Fees

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(7)

Item 1-2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 3.1:

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

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

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

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

The address for the RAPCE is as follows:

1150 North Westcott Road
Schenectady, NY 12306-2014

The address for the BCME is as follows:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

Subsequent reports are due on the same day each year

Condition 9: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007



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Applicable Federal Requirement: 6NYCRR 202-2.1

Item 9.1:

The Compliance Certification activity will be performed for the Facility.

Item 9.2:

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 10: Recordkeeping requirements

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 10.1:

(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 1-3: Open Fires Prohibited at Industrial and Commercial Sites

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 215

Item 1-3.1:

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

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

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

Condition 1-4: Maintenance of Equipment

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 200.7

Item 1-4.1:

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

Condition 1-5: Recycling and Salvage

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 1-5.1:

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

Condition 1-6: Exempt Sources - Proof of Eligibility

Effective between the dates of 10/06/2006 and 08/02/2007

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

Item 1-6.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. 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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 1-7: Trivial Sources - Proof of Eligibility

Effective between the dates of 10/06/2006 and 08/02/2007

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

Item 1-7.1:



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The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 1-8: Standard Requirement - Provide Information
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)

Item 1-8.1:

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

Condition 1-9: General Condition - Right to Inspect
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)

Item 1-9.1:

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

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 1-10: Standard Requirements - Progress Reports
Effective between the dates of 10/06/2006 and 08/02/2007



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Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)

Item 1-10.1:

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 1-11: Off Permit Changes

Effective between the dates of 10/06/2006 and 08/02/2007

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

Item 1-11.1:

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

- (i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 1-12: Required Emissions Tests

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 1-12.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report



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acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 1-13: Visible Emissions Limited

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 211.3

Item 1-13.1:

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

Condition 1-14: Accidental release provisions.

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 40CFR 68

Replaces Condition(s) 23

Item 1-14.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 24: Recycling and Emissions Reduction

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 24.1:



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

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

Condition 1-15: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 1-15.1:

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

Condition 1: Emission Unit Definition

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6

Item 1.1(From Mod 1):

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

Emission Unit: 1-GNRTR

Emission Unit Description:

This emission unit is comprised of those processes associated with generator production. This emission unit is comprised of surface coating operations, ventilation of turbine test bunkers, slot armor production, curing ovens, and autoclave curing processes.

There are currently six emission sources associated with the Nott Street Move Project that use steam (not including the C7, C8, and C28 presses which are exempt and are accounted for in steam allocation). The steam demand associated with these emission sources is expected to increase as a result of this project. The affected emission sources are: the K32/L32 autoclaves (4065A, 4067A, 4068A), the J-26 autoclave (3014A), and the 2 slot armor autoclaves (4221A).

This emission unit is being capped for VOC, NO_x, and SO₂ emissions to avoid triggering new source review requirements.

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Building(s): 273

Item 1.2(From Mod 1):

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

Emission Unit: B-OILRS

Emission Unit Description:

Three boilers equipped with low NOx burners, each capable of burning natural gas or residual #6 fuel oil. Each boiler has a maximum heat input rating equal to 98.4 million BTU/hour when burning natural gas and 92.8 million BTU/hour when burning #6 residual fuel oil. Two of the three boilers are subject to NSPS standards pursuant to 40CFR 60, subpart Dc. During permitting before installation, emissions of NOx from boilers #6 and #7 were capped to avoid PSD requirements. To accomplish this, the usage of #6 fuel oil was limited so that no more than 49% of the BTU input to each boiler is contributed by oil on a 365-day rolling basis. Source 0002A is boiler 7 and has its own separate stack - 00002. Sources 0004A and 0004B are boilers 5 and 6 respectively and are tied to one stack - 00004.

Building(s): 265

Item 1.3(From Mod 1):

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

Emission Unit: E-XMBLR

Emission Unit Description:

This emission unit is comprised of two 8.4 million BTU/hour boilers serving buildings 2 and 5. Each boiler is equipped to fire both natural gas and #2 fuel oil, though natural gas is the primary fuel. The #2 fuel oil has been limited to a sulfur content of 0.5% to avoid triggering PSD requirements.

Building(s): 5

Item 1.4(From Mod 1):

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

Emission Unit: T-URBIN

Emission Unit Description:

This emission unit is comprised of the steam turbine assembly operations. This emission unit includes emissions from a stationary spray paint booth with four emission points and from portable spray paint booths which generate fugitive emissions and fugitive emissions in



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buildings 66 and 273 from the application of rust inhibitors and preservatives to steam turbines and associated equipment. Booth location is in building 66 and only compliant coatings are utilized. VOC emissions have been capped at the emission unit to avoid new source review requirements.

Building(s): 66

Item 1.5(From Mod 0):

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

Emission Unit: 1-LASER

Emission Unit Description:

This emission unit is comprised of the laser welding operation, and is comprised of emission source 3086A and controls 3086B and 3086C.

Building(s): 273

Item 1.6(From Mod 0):

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

Emission Unit: E-LBATH

Emission Unit Description:

Electrolytic bath used for surface finishing (deburring) of generator punchings.

Building(s): 273

Item 1.7(From Mod 0):

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

Emission Unit: S-ANDER

Emission Unit Description:

Sanding and deburring operations consisting of sources 3081A, 3081C, 3082A, 3082C, 3083A, 3083C, 3084A, and 3085A. Each source is controlled with dust collectors.

Building(s): 273

Condition 2: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 2.1:

The Compliance Certification activity will be performed for the Facility.

Item 2.2:

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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

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placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

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

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

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

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

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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 6: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition shall apply to the entire facility (including those parts of the facility that are also subject to and identified by the monitoring condition listed as "Applicable Federal Requirement 6NYCRR 201-6.5(f) for Emission Unit 1-GNRTR, Process LA4" contained elsewhere in this permit).

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



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

**OPERATIONAL FLEXIBILITY PLAN
FOR THE ENTIRE FACILITY**

The "Operational Flexibility Plan For The Entire Facility" shall consist of the following:

(A) Operational Flexibility:

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

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

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

(ii) The specification of the maximum permissible emissions rate as the enforceable limit unless the operational capacity of the emissions

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source or emission unit is limited as a result of applicable or other requirements.

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

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

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

(B) Plan Objective:

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

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

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(i) Do not violate any applicable requirement.

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

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

(iv) Do not seek to establish or change a permit term or condition that the facility has assumed to avoid an applicable requirement to which the emission source would otherwise be subject. Such terms and conditions include:

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

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

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

(C) Protocol for Changes:

The following protocol shall apply at all times to the facility in cases where operational flexibility is requested and the procedure under the condition listed as "Applicable Federal Requirement: 6 NYCRR Part 201-6.5(f)" for "Emission Unit: 1-GNRTR, Process: LA4" is not

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applicable to the proposed change.

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

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

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

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

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

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

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

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

(3) The Department may require a permit modification, in order to impose applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) above or the change may have a



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significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the change for air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 7: Non Applicable requirements
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 7.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

40CFR 60-Dc

Emission Unit: BOILRS Process: B5O Source: 0004A

Reason: SOURCE 0004a (BOILER #5) WAS CONSTRUCTED PRIOR TO THE DATE OF JUNE 9, 1989, AND THEREFORE, NSPS SUBPART Dc IS NOT APPLICABLE TO THIS BOILER. ADDITIONALLY, THE TITLE V APPLICATION INFORMATION SUBMITTED BY GE INDICATES THE DATE OF OPERATION FOR THE BOILER WAS JANUARY 1, 1989.

40CFR 60-Dc

Emission Unit: BOILRS Process: B5G Source: 0004A

Reason: SOURCE 0004a (BOILER #5) WAS CONSTRUCTED PRIOR TO THE DATE OF JUNE 9, 1989, AND THEREFORE, NSPS SUBPART Dc IS NOT APPLICABLE TO THIS BOILER. ADDITIONALLY, THE TITLE V APPLICATION INFORMATION SUBMITTED BY GE INDICATES THE DATE OF

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OPERATION FOR THE BOILER WAS JANUARY 1,
1989.

Condition 1-16: Facility Permissible Emissions

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-16.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000050-00-0 (From Mod 1) PTE: 18,000 pounds per year
Name: FORMALDEHYDE

CAS No: 000062-53-3 (From Mod 1) PTE: 18,000 pounds per year
Name: ANILINE

CAS No: 000067-56-1 (From Mod 1) PTE: 18,000 pounds per year
Name: METHYL ALCOHOL

CAS No: 000071-43-2 (From Mod 1) PTE: 18,000 pounds per year
Name: BENZENE

CAS No: 000071-55-6 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANE, 1,1,1-TRICHLORO

CAS No: 000075-09-2 (From Mod 1) PTE: 18,000 pounds per year
Name: DICHLOROMETHANE

CAS No: 000078-51-3 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2-BUTOXY PHOSPHATE

CAS No: 000078-59-1 (From Mod 1) PTE: 18,000 pounds per year
Name: 2-CYCLOHEXEN-1-ONE,3,5,5-TRIMETHYL

CAS No: 000078-93-3 (From Mod 1) PTE: 18,000 pounds per year
Name: METHYL ETHYL KETONE

CAS No: 000079-01-6 (From Mod 1) PTE: 18,000 pounds per year
Name: TRICHLOROETHYLENE

CAS No: 000079-10-7 (From Mod 1) PTE: 18,000 pounds per year
Name: 2-PROPENOIC ACID



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CAS No: 000084-74-2 (From Mod 1) PTE: 18,000 pounds per year
Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000085-44-9 (From Mod 1) PTE: 18,000 pounds per year
Name: 1,3-ISOBENZOFURANDIONE

CAS No: 000091-20-3 (From Mod 1) PTE: 18,000 pounds per year
Name: NAPHTHALENE

CAS No: 000095-47-6 (From Mod 1) PTE: 18,000 pounds per year
Name: BENZENE,1,2-DIMETHYL

CAS No: 000096-45-7 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHYLENE THIOUREA

CAS No: 000098-82-8 (From Mod 1) PTE: 18,000 pounds per year
Name: BENZENE, (1-METHYLETHYL)

CAS No: 000100-41-4 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHYLBENZENE

CAS No: 000100-42-5 (From Mod 1) PTE: 18,000 pounds per year
Name: STYRENE

CAS No: 000106-46-7 (From Mod 1) PTE: 18,000 pounds per year
Name: BENZENE, 1,4-DICHLORO-

CAS No: 000106-89-8 (From Mod 1) PTE: 18,000 pounds per year
Name: OXIRANE, (CHLOROMETHYL)

CAS No: 000107-21-1 (From Mod 1) PTE: 18,000 pounds per year
Name: 1,2-ETHANEDIOL

CAS No: 000108-05-4 (From Mod 1) PTE: 18,000 pounds per year
Name: ACETIC ACID ETHENYL ESTER

CAS No: 000108-10-1 (From Mod 1) PTE: 18,000 pounds per year
Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-88-3 (From Mod 1) PTE: 18,000 pounds per year
Name: TOLUENE

CAS No: 000108-95-2 (From Mod 1) PTE: 18,000 pounds per year
Name: PHENOL

CAS No: 000109-86-4 (From Mod 1) PTE: 18,000 pounds per year



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Name: 2-METHOXYETHANOL

CAS No: 000110-49-6 (From Mod 1) PTE: 18,000 pounds per year
Name: 2-METHOXY-ETHANOL ACETATE

CAS No: 000110-54-3 (From Mod 1) PTE: 18,000 pounds per year
Name: HEXANE

CAS No: 000110-80-5 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-42-2 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-90-0 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2- (2-ETHOXYETHOXY)

CAS No: 000112-34-5 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2-(2-BUTOXYETHOXY)-

CAS No: 000117-81-7 (From Mod 1) PTE: 18,000 pounds per year
Name: BIS(2-ETHYLHEXYL) PHTHALATE

CAS No: 000120-80-9 (From Mod 1) PTE: 18,000 pounds per year
Name: 1,2-BENZENEDIOL

CAS No: 000122-99-6 (From Mod 1) PTE: 18,000 pounds per year
Name: ETHANOL, 2-PHENOXY

CAS No: 000123-31-9 (From Mod 1) PTE: 18,000 pounds per year
Name: 1,4-BENZENEDIOL

CAS No: 000127-18-4 (From Mod 1) PTE: 18,000 pounds per year
Name: PERCHLOROETHYLENE

CAS No: 000131-11-3 (From Mod 1) PTE: 18,000 pounds per year
Name: DIMETHYL PHTHALATE

CAS No: 001330-20-7 (From Mod 1) PTE: 18,000 pounds per year
Name: XYLENE, M, O & P MIXT.

CAS No: 001634-04-4 (From Mod 1) PTE: 18,000 pounds per year
Name: METHYL TERTBUTYL ETHER

CAS No: 002807-30-9 (From Mod 1) PTE: 18,000 pounds per year
Name: 2-PROPOXY ETHANOL



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CAS No: 007439-92-1 Name: LEAD	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007439-96-5 Name: MANGANESE	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007439-97-6 Name: MERCURY	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-02-0 Name: NICKEL METAL AND INSOLUBLE COMPOUNDS	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-36-0 Name: ANTIMONY	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-38-2 Name: ARSENIC	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-41-7 Name: BERYLLIUM	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-43-9 Name: CADMIUM	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-47-3 Name: CHROMIUM	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007440-48-4 Name: COBALT	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007647-01-0 Name: HYDROGEN CHLORIDE	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007723-14-0 Name: PHOSPHORUS (YELLOW)	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007758-97-6 Name: LEAD CHROMATE	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 007782-49-2 Name: SELENIUM	(From Mod 1)	PTE: 18,000 pounds per year
CAS No: 0NY100-00-0 Name: HAP	(From Mod 1)	PTE: 48,000 pounds per year
CAS No: 130498-29-2 Name: POLYCYCLIC AROMATIC HYDROCARBONS	(From Mod 1)	PTE: 18,000 pounds per year



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Condition 1-17: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-17.1:

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:

6NYCRR 201-6.1

Item 1-17.2:

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

Item 1-17.3:

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 1-17.4:

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 1-17.5:

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 1-17.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000050-00-0	FORMALDEHYDE
CAS No: 000062-53-3	ANILINE
CAS No: 000067-56-1	METHYL ALCOHOL
CAS No: 000071-43-2	BENZENE
CAS No: 000071-55-6	ETHANE, 1,1,1-TRICHLORO
CAS No: 000075-09-2	DICHLOROMETHANE
CAS No: 000078-59-1	2-CYCLOHEXEN-1-ONE,3,5,5-TRIMETHYL
CAS No: 000078-93-3	METHYL ETHYL KETONE



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CAS No: 000079-01-6 TRICHLOROETHYLENE
CAS No: 000079-10-7 2-PROPENOIC ACID
CAS No: 000084-74-2
1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
CAS No: 000085-44-9 1,3-ISOBENZOFURANDIONE
CAS No: 000091-20-3 NAPHTHALENE
CAS No: 000095-47-6 BENZENE,1,2-DIMETHYL
CAS No: 000098-82-8 BENZENE, (1-METHYLETHYL)
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000100-42-5 STYRENE
CAS No: 000106-46-7 BENZENE, 1,4-DICHLORO-
CAS No: 000106-89-8 OXIRANE, (CHLOROMETHYL)
CAS No: 000107-21-1 1,2-ETHANEDIOL
CAS No: 000108-05-4 ACETIC ACID ETHENYL ESTER
CAS No: 000108-10-1 2-PENTANONE, 4-METHYL
CAS No: 000108-88-3 TOLUENE
CAS No: 000108-95-2 PHENOL
CAS No: 000109-86-4 2-METHOXYETHANOL
CAS No: 000110-49-6 2-METHOXY-ETHANOL ACETATE
CAS No: 000110-54-3 HEXANE
CAS No: 000110-80-5 ETHANOL, 2-ETHOXY-
CAS No: 000111-42-2 ETHANOL, 2,2'-IMINOBIS-
CAS No: 000111-90-0 ETHANOL, 2- (2-ETHOXYETHOXY)
CAS No: 000112-34-5 ETHANOL, 2-(2-BUTOXYETHOXY)-
CAS No: 000117-81-7 BIS(2-ETHYLHEXYL) PHTHALATE
CAS No: 000120-80-9 1,2-BENZENEDIOL
CAS No: 000122-99-6 ETHANOL, 2-PHENOXY
CAS No: 000123-31-9 1,4-BENZENEDIOL
CAS No: 000127-18-4 PERCHLOROETHYLENE
CAS No: 000131-11-3 DIMETHYL PHTHALATE
CAS No: 001330-20-7 XYLENE, M, O & P MIXT.
CAS No: 001634-04-4 METHYL TERTBUTYL ETHER
CAS No: 002807-30-9 2-PROPOXY ETHANOL
CAS No: 007439-92-1 LEAD
CAS No: 007439-96-5 MANGANESE
CAS No: 007439-97-6 MERCURY
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE COMPOUNDS
CAS No: 007440-36-0 ANTIMONY
CAS No: 007440-38-2 ARSENIC
CAS No: 007440-41-7 BERYLLIUM
CAS No: 007440-43-9 CADMIUM
CAS No: 007440-47-3 CHROMIUM
CAS No: 007440-48-4 COBALT
CAS No: 007647-01-0 HYDROGEN CHLORIDE
CAS No: 007723-14-0 PHOSPHORUS (YELLOW)
CAS No: 007758-97-6 LEAD CHROMATE
CAS No: 007782-49-2 SELENIUM



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CAS No: 000096-45-7	ETHYLENE THIOUREA
CAS No: 000078-51-3	ETHANOL, 2-BUTOXY PHOSPHATE
CAS No: 130498-29-2	POLYCYCLIC AROMATIC HYDROCARBONS
CAS No: 0NY100-00-0	HAP

Item 1-17.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained that indicate facility emissions from point and fugitive sources of hazardous air pollutants (HAPs). Individual HAP emissions from sources at the facility shall not exceed 18,000 pounds during any 12 consecutive months. Total HAP emissions from sources at the facility shall not exceed 48,000 pounds during any 12 consecutive months. All required records shall be maintained on-site at the facility in a manual log format or data acquisition/calculation system for at least five years and shall remain available for inspection by the Department, upon request.

Any HAP emitted from the facility, that is not listed above in Item 1-2.6, shall be included in the facility's HAP emission records. Furthermore, these HAPs shall be subject to the individual HAP limit (18,000 pounds/consecutive 12 month period) and shall be included in the total HAP limit (48,000 pounds/consecutive 12 month period).

The facility shall calculate HAP emissions using purchase, usage, and/or production records. Where purchase records are used, it shall be assumed that what is purchased for a period is emitted during that period. Process knowledge and control device efficiencies shall also be used to determine emissions.

When using "purchase records", the total pounds of a chemical product that is purchased (calculated using the volume of material purchased and the density of the product or other weight/volume measurement as determined by the chemical product manufacturer) shall be multiplied by the weight percentage of individual HAP contained in the chemical product to determine emitted HAP for the purchase period.

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When using “usage records”, the actual use of a chemical product in a volume measurement or other use quantity (for example: rolls of tape), as indicated on usage log sheets, shall be multiplied by an emission factor for individual HAP contained in the chemical product to determine emitted HAP for the use period. The emission factor shall be determined by multiplying the density of the material or other weight/unit measurement (for example: lb/roll of tape) and the weight percentage of individual HAP contained in the chemical product.

When using “production records”, a production measurement (for example: inches of punchings) shall be multiplied by a usage factor (for example: gallons coating/inch of punchings). The volume of usage shall be multiplied by an emission factor for individual HAP contained in the chemical product to determine emitted HAP for the use period. The emission factor shall be determined by multiplying the density of the material or other weight/unit measurement and the weight percentage of individual HAP contained in the chemical product.

Weight percentage and product density or weight/unit measurement shall be obtained from the Material Safety Data Sheets (MSDS) or other data source provided by the chemical product manufacturer.

Within 30 days of the close of each month, the facility shall calculate rolling 12-month HAP emissions for the period ending in the previous month. For each month that the rolling 12-month HAP emissions are 80% or more of the individual or total HAP limit, written notification shall be provided to the RAPCE at the Region 4 RAPCE address specified elsewhere in this permit. The notification shall identify the rolling 12-month HAP emissions and the percentage of the HAP limit which the emissions represent.

Compliance with this condition shall indicate the facility is not a major source of HAPs, per the definition of "major stationary source or major source" contained in 6NYCRR 201-2.1(b), both for individual HAPs and total HAPs.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 11: Submittal of Episode Action Plans
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 207

Item 11.1:

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

Condition 12: NOx and VOC RACT at Major Facilities
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.10(a)

Item 12.1:

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

Condition 13: RACT Applicability for Major Facilities
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.10(e)

Item 13.1:

All process sources applicable to 6 NYCRR Part 212.10 after May 31, 1995 will remain subject to all provisions of that section even if the facility's annual potential to emit of nitrogen oxides or volatile organic emissions falls below the applicability thresholds.

Condition 14: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 14.1:

The Compliance Certification activity will be performed for the Facility.

Item 14.2:



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Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 15: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 15.1:

The Compliance Certification activity will be performed for the Facility.

Item 15.2:

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)



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

Condition 16: Compliance.
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 225-1.6(b)

Item 16.1:

As of January 1, 1988 any person who buys, sells, offer for sale, or uses fuel must comply with the percent sulfur requirements specified in section 6 NYCRR 225-1.2 of this regulation.

Condition 17: This condition states the facility is applicable to NOx RACT.
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-2.1

Item 17.1:

This facility is subject to NOx RACT.

Condition 18: Compliance must be demonstrated upon start up
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(d)(4)

Item 18.1:

Any owner or operator of a facility involving a coating line described in table 1 or table 2 of 6 NYCRR Part 228.8 which is constructed after March 1, 1993 and which meets the applicability criteria established in 6 NYCRR Part 228.1 (d)(3), must demonstrate compliance with 6 NYCRR Part 228 upon start up.

Condition 19: Once in, always in
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(g)

Item 19.1:

Any coating line subject to the provisions of this Part, will remain subject to these provisions even if the facility annual potential to emit VOC later falls below applicability criteria.

Condition 20: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(h)(13)

Item 20.1:



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The Compliance Certification activity will be performed for the Facility.

Item 20.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Low use specialty coatings where the plantwide total annual usage is equal to or less than 55 gallons are exempt from 6 NYCRR Part 228 provided that:

1. Each specialty coating is approved by the commissioner's representative prior to application;
2. Records are maintained on an as used basis in a format acceptable to the commissioner that documents annual usage;
3. The annual potential to emit from low use specialty coatings does not exceed 5 percent of the facility's total annual potential to emit; and
4. All approved low use specialty coatings are listed in the "Low Use Specialty Coatings Appendix" attached to the facility operating permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL

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 21: Handling, storage, and disposal of volatile organic compounds
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.10

Item 21.1:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;



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- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance , or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

Condition 22: National Emission Standard for Asbestos
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 61, NESHAP Subpart M

Item 22.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 61, Subpart M.

Condition 25: Halon Emissions Reduction
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 82, Subpart H

Item 25.1:

The permittee shall comply with the standards for halon emissions reduction pursuant to 40CFR Part 82, Subpart H.

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

Condition 26: Emission Point Definition By Emission Unit
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6

Item 26.1(From Mod 1):

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

Emission Unit: 1-GNRTR		
Emission Point: 03056		
Height (ft.): 10	Diameter (in.): 18	Building: 273
Emission Point: 03057		
Height (ft.): 10	Diameter (in.): 18	Building: 273
Emission Point: 04064		
Height (ft.): 29	Diameter (in.): 8	



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Facility DEC ID: 4421500054

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04066
Height (ft.): 50 Diameter (in.): 6
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04072
Height (ft.): 50 Diameter (in.): 6
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03014
Height (ft.): 72 Diameter (in.): 18
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03015
Height (ft.): 40 Diameter (in.): 8
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 281

Emission Point: 03018
Height (ft.): 32 Diameter (in.): 8
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 281

Emission Point: 03021
Height (ft.): 50 Diameter (in.): 47
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 281

Emission Point: 03022
Height (ft.): 50 Diameter (in.): 47
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 281

Emission Point: 03026
Height (ft.): 51 Diameter (in.): 28
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03036
Height (ft.): 51 Diameter (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03037
Height (ft.): 51 Diameter (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03038
Height (ft.): 51 Diameter (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03039



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Height (ft.): 51 Diameter (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03040
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03041
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03042
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03043
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03044
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03045
Height (ft.): 54 Diameter (in.): 42
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03090
Height (ft.): 55 Diameter (in.): 54
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04065
Height (ft.): 32 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04067
Height (ft.): 32 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04068
Height (ft.): 32 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04069
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273



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Emission Point: 04070
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04071
Height (ft.): 15 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 04221
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 49

Emission Point: 04862
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05520
Height (ft.): 85 Length (in.): 35 Width (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05522
Height (ft.): 85 Length (in.): 35 Width (in.): 32
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05523
Height (ft.): 57 Diameter (in.): 36
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05524
Height (ft.): 57 Diameter (in.): 36
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05525
Height (ft.): 57 Diameter (in.): 36
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 05526
Height (ft.): 57 Diameter (in.): 36
NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Item 26.2(From Mod 0):

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

Emission Unit: B-OILRS

Emission Point: 00002
Height (ft.): 190 Diameter (in.): 114



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Facility DEC ID: 4421500054

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 265

Emission Point: 00004

Height (ft.): 190 Diameter (in.): 90

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 265

Item 26.3(From Mod 0):

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

Emission Unit: E-LBATH

Emission Point: 03066

Height (ft.): 46 Diameter (in.): 30

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Item 26.4(From Mod 0):

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

Emission Unit: E-XMBLR

Emission Point: 00009

Height (ft.): 115 Diameter (in.): 24

Building: 5

Item 26.5(From Mod 0):

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

Emission Unit: S-ANDER

Emission Point: 03081

Height (ft.): 7 Length (in.): 36 Width (in.): 36

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03082

Height (ft.): 7 Length (in.): 36 Width (in.): 36

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03083

Height (ft.): 7 Length (in.): 36 Width (in.): 36

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03084

Height (ft.): 7 Length (in.): 36 Width (in.): 36

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03085

Height (ft.): 7 Length (in.): 36 Width (in.): 36



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Facility DEC ID: 4421500054

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Emission Point: 03087

Height (ft.): 7

Length (in.): 36

Width (in.): 36

NYTMN (km.): 4740.824 NYTME (km.): 585.033 Building: 273

Item 26.6(From Mod 0):

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

Emission Unit: T-URBIN

Emission Point: 05700

Height (ft.): 74

Diameter (in.): 36

Building: 66

Emission Point: 05701

Height (ft.): 74

Diameter (in.): 36

Building: 66

Emission Point: 05702

Height (ft.): 74

Diameter (in.): 36

Building: 66

Emission Point: 05703

Height (ft.): 74

Diameter (in.): 36

Building: 66

Condition 27: Process Definition By Emission Unit

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-6

Item 27.1(From Mod 1):

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

Emission Unit: 1-GNRTR

Process: B17

Source Classification Code: 4-90-999-99

Process Description:

Curing of VOC containing tapes on connection ring bars in electrically heated ovens. These ovens are physically limited such that the ERP is less than 3 lbs/hr and proposed tape usage indicates actual emissions, averaged annually, are less than 15 lbs/day.

Emission Source/Control: 3056A - Process

Emission Source/Control: 3057A - Process

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Facility DEC ID: 4421500054



Item 27.2(From Mod 1):

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

Emission Unit: 1-GNRTR

Process: CY1

Source Classification Code: 4-90-999-99

Process Description:

VACUUM CYCLE IN AUTOCLAVES IN WHICH VOC CONTAINING TAPE ON STATOR BARS IS CURED. THE NUMBER OF STATOR BARS INTRODUCED PER BATCH IN AN AUTOCLAVE IS RESTRICTED THROUGH ADMINISTRATIVE PROCEDURES SO THAT THE VOC EMISSIONS FROM THE RESIN IMPREGNATED TAPE DO NOT EQUAL OR EXCEED 3.0 POUNDS/HOUR EMISSION RATE POTENTIALS FROM EACH EMISSION POINT 04064, 04066 AND 04072, AND DO NOT EQUAL OR EXCEED 15.0 POUNDS/DAY, AVERAGED ON AN ANNUAL BASIS, ACTUAL EMISSIONS IN THE ABSENCE OF CONTROL EQUIPMENT FROM EMISSION POINT 04072.

Emission Source/Control: 4064B - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 4066B - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 4072B - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 4064A - Process

Emission Source/Control: 4065A - Process

Emission Source/Control: 4066A - Process

Emission Source/Control: 4067A - Process

Emission Source/Control: 4068A - Process

Emission Source/Control: 4072A - Process

Item 27.3(From Mod 1):

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

Emission Unit: 1-GNRTR

Process: G01

Source Classification Code: 4-02-007-12

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Facility DEC ID: 4421500054



Process Description:

GLUE OVEN EMISSIONS RELEASED FROM CURING OF COATING. A MIXTURE OF ADHESIVE AND DILUENT IS APPLIED BY ROLL COATER TO STATOR LAMINATE PUNCHINGS. TO THE EXTENT REQUIRED, EMISSIONS ARE VENTED TO A CONTROL DEVICE.

Emission Source/Control: GENCT - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 3026A - Process

Emission Source/Control: 3026B - Process

Emission Source/Control: 3026C - Process

Emission Source/Control: 3026D - Process

Item 27.4(From Mod 1):

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

Emission Unit: B-OILRS

Process: 67O

Source Classification Code: 1-02-004-01

Process Description:

STEAM PRODUCTION WHEN #6 RESIDUAL OIL IS USED AS FUEL IN BOILERS #6 AND #7.

EACH BOILER HAS A MAXIMUM HEAT INPUT RATING EQUAL TO 98.4 MILLION BTU/HOUR WHEN BURNING NATURAL GAS AND 92.8 MILLION BTU/HOUR WHEN BURNING #6 RESIDUAL FUEL OIL.

EACH BOILER IS LIMITED TO THE USE OF NO MORE THAN 49 PERCENT BTUs PER YEAR WITH NUMBER 6 FUEL OIL DUE TO PSD AVOIDANCE EMISSIONS CAPPING. THIS IS EQUAL TO A MAXIMUM OF 5,469,800 GALLONS OF OIL PER 365 CONSECUTIVE DAY PERIOD FOR BOTH BOILERS, WHILE NOT EXCEEDING 2,734,900 GALLONS PER 365 CONSECUTIVE DAY PERIOD PER BOILER.

Emission Source/Control: 0002A - Combustion

Design Capacity: 98.4 million Btu per hour

Emission Source/Control: 0004B - Combustion



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Design Capacity: 98.4 million Btu per hour

Item 27.5(From Mod 1):

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

Emission Unit: E-XMBLR

Process: 2FO

Source Classification Code: 1-02-005-03

Process Description: #2 FUEL OIL COMBUSTION.

Emission Source/Control: 0009A - Combustion

Emission Source/Control: 0010A - Combustion

Item 27.6(From Mod 1):

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

Emission Unit: T-URBIN

Process: CC2

Source Classification Code: 4-02-014-35

Process Description:

SPRAY PAINT OPERATION. THE APPLICATION OF COMPLIANT COATING TO STEAM TURBINE GENERATOR ASSEMBLIES AND MISCELLANEOUS METAL PARTS AND FUGITIVE EMISSIONS IN BUILDINGS 66 AND 273 FROM APPLICATION OF RUST INHIBITORS AND PRESERVATIVES TO STEAM TURBINES AND ASSOCIATED EQUIPMENT. COATING OCCURS IN BOTH A STATIONARY SPRAY PAINT BOOTH, PORTABLE SPRAY PAINT BOOTHS, AND FUGITIVE SOURCES THAT HAVE NO STACKS.

Emission Source/Control: 5700B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5700C - Control

Control Type: FABRIC FILTER

Emission Source/Control: CT066 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5700A - Process

Emission Source/Control: FU066 - Process

Item 27.7(From Mod 0):

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

Emission Unit: 1-GNRTR



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Facility DEC ID: 4421500054

Process: AIR

Source Classification Code: 3-99-999-94

Process Description:

AIR AND H2 COOLED ASSEMBLY MODELS ARE CURED. PART 228 IS NOT APPLICABLE TO THIS PROCESS PURSUANT TO PARAGRAPH 228.1(h)(6).

Emission Source/Control: 3014A - Process

Item 27.8(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: CC1

Source Classification Code: 4-02-001-10

Process Description:

USE OF COMPLIANT COATINGS ON GENERATOR ASSEMBLIES ETC. (MISCELLANEOUS METAL PARTS).

Emission Source/Control: 5520B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5522B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5523B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5523C - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5523D - Control

Control Type: FABRIC FILTER

Emission Source/Control: CT273 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 0552X - Process

Emission Source/Control: 5523A - Process

Emission Source/Control: FU273 - Process

Item 27.9(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: CLN

Source Classification Code: 4-01-888-01

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Facility DEC ID: 4421500054



Process Description:

RESIN FLOODING EQUIPMENT AND HAND COAT
STATOR BARS CAUSING FUGITIVE EMISSIONS.
RESIN FLOODING EQUIPMENT IS CLEANED WITH
SOLVENTS AND STATOR BARS ARE HAND COATED,
RESULTING IN FUGITIVE AIR EMISSIONS. PART
228 IS NOT APPLICABLE TO THIS PROCESS
PURSUANT TO PARAGRAPH 228.1(h)(6).

Emission Source/Control: 3014A - Process

Item 27.10(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: CY2

Source Classification Code: 4-90-999-99

Process Description:

ASPHALT TRANSFER BETWEEN AUTOCLAVES AND
ASPHALT STORAGE TANKS, RESULTING IN SMALL
VOC EMISSIONS.

Emission Source/Control: 4065B - Process

Emission Source/Control: 4067B - Process

Emission Source/Control: 4068B - Process

Emission Source/Control: 4069A - Process

Emission Source/Control: 4070A - Process

Emission Source/Control: 4071A - Process

Emission Source/Control: 4071B - Process

Item 27.11(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: K24

Source Classification Code: 4-02-008-01

Process Description:

THERMAL SETTING INSULATING TAPES AND
COMPOUNDS ARE CURED ONTO GENERATOR
ASSEMBLIES.

Emission Source/Control: 4862A - Process

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Item 27.12(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: LA1

Source Classification Code: 4-02-014-35

Process Description:

STATOR LAMINATION LINE. EMISSIONS FROM THE APPLICATION OF COMPLIANT COATING TO PUNCHINGS IN THE STATOR LAMINATION LINE, WHEN THE THERMAL OXIDIZER IS NOT BYPASSED.

Emission Source/Control: GENCT - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 3025A - Process

Emission Source/Control: 3025B - Process

Emission Source/Control: 3025C - Process

Emission Source/Control: 3031A - Process

Emission Source/Control: 3031B - Process

Emission Source/Control: 3031C - Process

Emission Source/Control: 3033A - Process

Emission Source/Control: 3033B - Process

Emission Source/Control: 3033C - Process

Emission Source/Control: 3035A - Process

Emission Source/Control: 3035B - Process

Emission Source/Control: 3035C - Process

Item 27.13(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: LA2

Source Classification Code: 1-02-014-01

Process Description:

EMISSIONS FROM NATURAL GAS FIRED DRYING OVENS. NATURAL GAS FIRED DRYERS USED TO



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FLASH OFF COATINGS AS APPLIED TO PUNCHINGS
IN THE STATOR LAMINATION LINE AND GLUE
OVEN.

THERMAL OXIDIZER RAMP-UP. EMISSIONS FROM
THE THERMAL OXIDIZER RAMP-UP (FORMERLY
PROCESS RMP) ARE INCLUDED IN THIS PROCESS.
THE THERMAL OXIDIZER IS BROUGHT UP TO
COMBUSTION TEMPERATURE BY COMBUSTING
NATURAL GAS. RAMP-UP EMISSIONS INCLUDE
ONLY PRODUCTS OF COMBUSTION (I.E., NO
EXHAUST STREAMS ARE VENTING TO THE THERMAL
OXIDIZER DURING RAMP-UP).

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

Emission Source/Control: 3025A - Process

Emission Source/Control: 3025B - Process

Emission Source/Control: 3025C - Process

Emission Source/Control: 3026A - Process

Emission Source/Control: GENC1 - Process

Item 27.14(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: LA3

Source Classification Code: 4-02-025-99

Process Description:

STATOR LAMINATION LINE. EMISSIONS FROM
THE APPLICATION OF COMPLIANT COATINGS TO
PUNCHINGS IN THE STATOR LAMINATION LINE,
WHEN THE THERMAL OXIDIZER IS BYPASSED.

Emission Source/Control: 3025A - Process

Emission Source/Control: 3025B - Process

Emission Source/Control: 3025C - Process

Emission Source/Control: 3031A - Process



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Emission Source/Control: 3031B - Process

Emission Source/Control: 3031C - Process

Emission Source/Control: 3033A - Process

Emission Source/Control: 3033B - Process

Emission Source/Control: 3033C - Process

Emission Source/Control: 3035A - Process

Emission Source/Control: 3035B - Process

Emission Source/Control: 3035C - Process

Item 27.15(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: LA4

Source Classification Code: 4-02-014-35

Process Description:

STATOR LAMINATION LINE. EMISSIONS FROM
THE APPLICATION BY ROLL COATER OF
NON-COMPLIANT COATINGS TO PUNCHINGS.
EMISSIONS ARE VENTED TO A CONTROL DEVICE.

Emission Source/Control: GENCT - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT
EXCHANGER

Emission Source/Control: 3025A - Process

Emission Source/Control: 3025B - Process

Emission Source/Control: 3025C - Process

Emission Source/Control: 3031A - Process

Emission Source/Control: 3031B - Process

Emission Source/Control: 3031C - Process

Emission Source/Control: 3033A - Process

Emission Source/Control: 3033B - Process



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Emission Source/Control: 3033C - Process

Emission Source/Control: 3035A - Process

Emission Source/Control: 3035B - Process

Emission Source/Control: 3035C - Process

Item 27.16(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: LO1

Source Classification Code: 3-09-999-99

Process Description:

SLOT ARMOR. VARIOUS PREPREGNATED GLASS WITH RESINS ARE MOLDED ONTO ALUMINUM PLATES. THE PLATES ARE PLACED INTO AUTOCLAVE VACUUM CHAMBERS FOLLOWED BY OVENS.

Emission Source/Control: 4221A - Process

Item 27.17(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: PRG

Source Classification Code: 4-90-999-99

Process Description:

COATING OVENS AND THERMAL OXIDIZER PURGES. INSIGNIFICANT (TRACE) EMISSIONS RESULTING FROM THE PURGING OF THE STATOR LAMINATION LINE AND GLUE OVENS, AND FROM THE PURGING OF THE THERMAL OXIDIZER.

Emission Source/Control: 3025A - Process

Emission Source/Control: 3025B - Process

Emission Source/Control: 3025C - Process

Emission Source/Control: 3026A - Process

Emission Source/Control: GENC1 - Process

Item 27.18(From Mod 0):

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



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Emission Unit: 1-GNRTR

Process: STM

Source Classification Code: 3-99-999-94

Process Description:

LARGE STEAM LIQUID COOLED ASSEMBLY MODELS
ARE CURED. PART 228 IS NOT APPLICABLE TO
THIS PROCESS PURSUANT TO PARAGRAPH
228.1(h)(6).

Emission Source/Control: 3014A - Process

Item 27.19(From Mod 0):

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

Emission Unit: 1-GNRTR

Process: VNT

Source Classification Code: 4-90-001-01

Process Description:

VAPOR EXTRACTION & VENTILATION FROM OIL
TANKS AND BUNKERS USED IN TESTING
TURBINES.

Emission Source/Control: 3015B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 3018B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 3021B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 3022B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 3015A - Process

Emission Source/Control: 3018A - Process

Emission Source/Control: 3021A - Process

Emission Source/Control: 3022A - Process

Item 27.20(From Mod 0):

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

Emission Unit: 1-LASER

Process: LSR

Source Classification Code: 3-99-999-99

Process Description:

LASER WELDING. LASER WELDING AND CUTTING

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OF STAINLESS STEEL.

Emission Source/Control: 3086B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3086C - Control
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 3086A - Process

Item 27.21(From Mod 0):

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

Emission Unit: B-OILRS

Process: 67G

Source Classification Code: 1-02-006-02

Process Description:

STEAM PRODUCTION WHEN NATURAL GAS IS USED
AS FUEL IN BOILERS #6 AND #7.

EACH BOILER HAS A MAXIMUM HEAT INPUT RATING
EQUAL TO 98.4 MILLION BTU/HOUR WHEN BURNING
NATURAL GAS AND 92.8 MILLION BTU/HOUR WHEN
BURNING #6 RESIDUAL FUEL OIL.

Emission Source/Control: 0002A - Combustion
Design Capacity: 98.4 million Btu per hour

Emission Source/Control: 0004B - Combustion
Design Capacity: 98.4 million Btu per hour

Item 27.22(From Mod 0):

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

Emission Unit: B-OILRS

Process: B5G

Source Classification Code: 1-02-006-02

Process Description:

STEAM PRODUCTION WHEN NATURAL GAS IS USED
AS FUEL IN BOILER #5.

THIS BOILER HAS A MAXIMUM HEAT INPUT RATING
EQUAL TO 98.4 MILLION BTU/HOUR WHEN BURNING
NATURAL GAS AND 92.8 MILLION BTU/HOUR WHEN
BURNING #6 RESIDUAL FUEL OIL.

Emission Source/Control: 0004A - Combustion
Design Capacity: 98.4 million Btu per hour



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Item 27.23(From Mod 0):

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

Emission Unit: B-OILRS

Process: B5O

Source Classification Code: 1-02-004-01

Process Description:

STEAM PRODUCTION WHEN #6 RESIDUAL OIL IS
USED AS FUEL IN BOILER #5.

THIS BOILER HAS A MAXIMUM HEAT INPUT RATING
EQUAL TO 98.4 MILLION BTU/HOUR WHEN BURNING
NATURAL GAS AND 92.8 MILLION BTU/HOUR WHEN
BURNING #6 RESIDUAL FUEL OIL.

Emission Source/Control: 0004A - Combustion

Design Capacity: 98.4 million Btu per hour

Item 27.24(From Mod 0):

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

Emission Unit: E-LBATH

Process: BTH

Source Classification Code: 3-09-999-99

Process Description:

DEBURRING OF GENERATOR PUNCHINGS IN
ELECTROLYTIC BATH. GENERATOR PUNCHINGS ARE
CONVEYED THROUGH A WATER AND SODIUM NITRATE
SOLUTION.

Emission Source/Control: 3066A - Process

Item 27.25(From Mod 0):

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

Emission Unit: E-XMBLR

Process: NGS

Source Classification Code: 1-02-006-03

Process Description: NATURAL GAS COMBUSTION.

Emission Source/Control: 0009A - Combustion

Emission Source/Control: 0010A - Combustion

Item 27.26(From Mod 0):

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

Emission Unit: S-ANDER

Process: SAN

Source Classification Code: 3-09-002-02

Process Description:

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**SANDING & DEBURRING. PARTICULATE
EMISSIONS GENERATED FROM SANDING AND
DEBURRING OPERATIONS.**

Emission Source/Control: 3081B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3082B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3083B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3084B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3085B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3087B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 3081A - Process

Emission Source/Control: 3081C - Process

Emission Source/Control: 3082A - Process

Emission Source/Control: 3082C - Process

Emission Source/Control: 3083A - Process

Emission Source/Control: 3083C - Process

Emission Source/Control: 3084A - Process

Emission Source/Control: 3085A - Process

Emission Source/Control: 3087A - Process

**Condition 1-18: Emission Unit Permissible Emissions
Effective between the dates of 10/06/2006 and 08/02/2007**

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-18.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

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shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-GNRTR

CAS No: 007446095 (From Mod 1)
Name: SULFUR DIOXIDE
PTE(s): 210,180 pounds per year
23.99 pounds per hour

CAS No: 0NY210000 (From Mod 1)
Name: OXIDES OF NITROGEN
PTE(s): 17.65 pounds per hour
154,625 pounds per year

CAS No: 0NY998000 (From Mod 1)
Name: VOC
PTE(s): 159.5 pounds per hour
86,000 pounds per year

Emission Unit: T-URBIN

CAS No: 0NY998000 (From Mod 1)
Name: VOC
PTE(s): 19,800 pounds per year
65.5 pounds per hour

Emission Unit: E-XMBLR

CAS No: 007446095 (From Mod 1)
Name: SULFUR DIOXIDE
PTE(s): 8.5 pounds per hour
74,080 pounds per year

Condition 1-19: Process Permissible Emissions

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-19.1:

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: 1-GNRTR Process: B17

CAS No: 0NY998-00-0 (From Mod 1)
Name: VOC



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PTE(s): 2.93 pounds per hour
10,950 pounds per year

Emission Unit: 1-GNRTR Process: CY1

CAS No: 0NY998-00-0 (From Mod 1)
Name: VOC

PTE(s): 8.97 pounds per hour
78,577 pounds per year

Emission Unit: 1-GNRTR Process: G01

CAS No: 0NY100-00-0 (From Mod 1)
Name: HAP

PTE(s): 4.3 pounds per hour
19,800 pounds per year

Emission Unit: B-OILRS Process: 67G

CAS No: 007446-09-5 (From Mod 0)
Name: SULFUR DIOXIDE

PTE(s): 0.1164 pounds per hour
1,020 pounds per year

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN

PTE(s): 12.8095 pounds per hour
112,211 pounds per year

CAS No: 0NY998-00-0 (From Mod 0)
Name: VOC

PTE(s): 1.0675 pounds per hour
9,351 pounds per year

Emission Unit: B-OILRS Process: 67O

CAS No: 007446-09-5 (From Mod 1)
Name: SULFUR DIOXIDE

PTE(s): 97.1 pounds per hour
429,379 pounds per year

CAS No: 0NY210-00-0 (From Mod 1)
Name: OXIDES OF NITROGEN

PTE(s): 74.2 pounds per hour
328,188 pounds per year

CAS No: 0NY998-00-0 (From Mod 1)

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Name: VOC

PTE(s): 0.3 pounds per hour
1,532 pounds per year

Emission Unit: B-OILRS

Process: B5G

CAS No: 007446-09-5 (From Mod 0)

Name: SULFUR DIOXIDE

PTE(s): 0.0582 pounds per hour
510 pounds per year

CAS No: 0NY210-00-0 (From Mod 0)

Name: OXIDES OF NITROGEN

PTE(s): 6.4047 pounds per hour
56,105 pounds per year

CAS No: 0NY998-00-0 (From Mod 0)

Name: VOC

PTE(s): 0.5337 pounds per hour
4,675 pounds per year

Emission Unit: B-OILRS

Process: B5O

CAS No: 007446-09-5 (From Mod 0)

Name: SULFUR DIOXIDE

PTE(s): 48.6 pounds per hour
425,432 pounds per year

CAS No: 0NY210-00-0 (From Mod 0)

Name: OXIDES OF NITROGEN

PTE(s): 34 pounds per hour
298,074 pounds per year

CAS No: 0NY998-00-0 (From Mod 0)

Name: VOC

PTE(s): 0.2 pounds per hour
1,517 pounds per year

Emission Unit: E-XMBLR

Process: 2FO

CAS No: 007446-09-5 (From Mod 1)

Name: SULFUR DIOXIDE

PTE(s): 8.4 pounds per hour
74,000 pounds per year

Condition 1-20: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

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Applicable Federal Requirement: 6NYCRR 201-7

Item 1-20.1:

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 231-2.2(a)

Item 1-20.2:

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

Item 1-20.3:

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 1-20.4:

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 1-20.5:

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 1-20.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-20.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained which indicate emissions of

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volatile organic compounds. Emissions of VOCs from sources in this emission unit and from increased utilization of process steam by this emission unit shall be less than 86,000 pounds over any 12 consecutive months.

Emissions of VOCs from sources in this emission unit will be based on emission factors and production factors which will be applied, as appropriate, to material usage records, operating records, production records, or fuel usage records.

Emissions of VOCs from increased utilization of process steam by this emission unit will be based on utilization in excess of average utilization during the baseline period (1998 and 1999), fuel usage records, and fuel emission factors. The baseline period average process steam utilization is 248,800 million Btus per year. Steam utilization will be determined through use of generator production records and a production factor. The production factor is 3,071 million Btus per generator which is based on the average production rate (81 generators per year) during the baseline period (1998 and 1999).

Emission factors and production factors used to develop the application for this permit are acceptable for calculating VOC emissions.

For purposes of determining potential to emit, the maximum VOC content for a compliant coating has been assumed for the stator lamination processes (LA1 and LA3). If the actual VOC content of any existing surface coating is less than the regulatory maximum for a compliant coating, the actual VOC content of the coating can be used as an emission factor without prior approval of the Department and records will be kept of the actual emission factor.

For the purposes of determining potential to emit, the overall removal efficiency of processes served by the regenerative thermal oxidizer was assumed 80%. If emissions testing approved by the Department indicates an overall removal efficiency other than 80%, then that overall removal efficiency is acceptable for use in calculating actual VOC emissions.



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GE may propose updated and new emission and production factors for approval by the Department. The updated emission and production factors will not be used without the Department's written approval.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

Subsequent reports are due every 12 calendar month(s).

Condition 1-21: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-21.1:

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 231-2.2(a)

Item 1-21.2:

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

Item 1-21.3:

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 1-21.4:

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



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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 1-21.5:

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 1-21.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Regulated Contaminant(s):

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

Item 1-21.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained which indicate emissions of oxides of nitrogen. Emissions of NO_x from sources in this emission unit and from increased utilization of process steam by this emission unit shall be less than 80,000 pounds over any 12 consecutive months.

Emissions of NO_x from sources in this emission unit will be based on emission factors which will be applied to fuel usage records.

Emissions of NO_x from increased utilization of process steam by this emission unit will be based on utilization in excess of average utilization during the baseline period (1998 and 1999), fuel usage records, and fuel emission factors. The baseline period average process steam utilization is 248,800 million Btus per year. Steam utilization will be determined through use of generator production records and a production factor. The production factor is 3,071 million Btus per generator which is based on the average production rate (81 generators per year) during the baseline period (1998 and 1999).

Emission factors and production factors used to develop the application for this permit are acceptable for calculating NO_x emissions.

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For purposes of determining NOx emissions from increased steam utilization, natural gas and residual fuel oil emission limits from Part 227-2.4(c)(2) were used for combustion associated with Boilers 5, 6, and 7. If future emission testing approved by the Department indicates lower NOx emission factors for Boiler 5, 6, and 7, then those emission factors are acceptable for use in calculating actual NOx emissions.

GE may propose updated and new emission and production factors for approval by the Department. The updated emission and production factors will not be used without the Department's written approval.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 1-22: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-22.1:

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 1-22.2:

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

Item 1-22.3:



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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 1-22.4:

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 1-22.5:

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 1-22.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-22.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained which indicate emissions of sulfur dioxide. Emissions of SO₂ from sources in this emission unit and from increased utilization of process steam by this emission unit shall be less than 80,000 pounds over any 12 consecutive months.

Emissions of SO₂ from sources in this emission unit will be based on emission factors which will be applied to fuel usage records.

Emissions of SO₂ from increased utilization of process steam by this emission unit will be based on utilization in excess of average utilization during the baseline period (1998 and 1999), fuel usage records, and fuel oil testing records or fuel emission factors. The baseline period average process steam utilization is 248,800



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million Btus per year. Steam utilization will be determined through use of generator production records and a production factor. The production factor is 3,071 million Btus per generator which is based on the average production rate (81 generators per year) during the baseline period (1998 and 1999).

Emission factors and production factors used to develop the application for this permit are acceptable for calculating SO₂ emissions.

GE may propose updated and new emission and production factors for approval by the Department. The updated emission and production factors will not be used without the Department's written approval.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 1-23: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-23.1:

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 1-23.2:

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

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Item 1-23.3:

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 1-23.4:

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 1-23.5:

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 1-23.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Regulated Contaminant(s):

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

Item 1-23.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained which indicate emissions of oxides of nitrogen. Emissions of NO_x from sources in this emission unit and from increased utilization of process steam by this emission unit shall be less than 80,000 pounds over any 12 consecutive months.

Emissions of NO_x from sources in this emission unit will be based on emission factors which will be applied to fuel usage records.

Emissions of NO_x from increased utilization of process steam by this emission unit will be based on utilization in excess of average utilization during the baseline period (1998 and 1999), fuel usage records, and fuel emission factors. The baseline period average process



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steam utilization is 248,800 million Btus per year. Steam utilization will be determined through use of generator production records and a production factor. The production factor is 3,071 million Btus per generator which is based on the average production rate (81 generators per year) during the baseline period (1998 and 1999).

Emission factors and production factors used to develop the application for this permit are acceptable for calculating NOx emissions.

For purposes of determining NOx emissions from increased steam utilization, natural gas and residual fuel oil emission limits from Part 227-2.4(c)(2) were used for combustion associated with Boilers 5, 6, and 7. If future emission testing approved by the Department indicates lower NOx emission factors for Boiler 5, 6, and 7, then those emission factors are acceptable for use in calculating actual NOx emissions.

GE may propose updated and new emission and production factors for approval by the Department. The updated emission and production factors will not be used without the Department's written approval.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 41: Emissions from new emission sources and/or modifications not specified by Table 2 Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)



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Item 41.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: AIR

Item 41.2:

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

Condition 42: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: AIR

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis, unless an emission point has already been evaluated during the operation of Process STM. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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



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Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Emissions from new emission sources and/or modifications not specified by Table 2 Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 43.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: B17

Item 43.2:

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

Condition 44: Compliance Certification Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: B17

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9



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analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: CC1

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission sources and controls shall be operated and maintained according to good engineering practice. All paint booths will be required to have filters. The filters must be changed on a regular basis and be maintained to ensure compliance.

Documentation shall be maintained, by keeping records as



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appropriate, to demonstrate compliance. The records shall include detailing the weeks the emission unit process(es) operate, when the filters are changed, any malfunctions that occur, and any repairs that are made.

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

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 46: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 47: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CC1

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 48: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

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Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CCI

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources for the process(es) once per week during weeks the emission unit process(es) operate. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

A visible emissions observation shall not be required on portable paint booths that have no stacks. Where portable paint booths are used, to manage fugitive emissions, these paint booths will be required to have filters. The filters must be changed on a regular basis and be maintained to ensure compliance. Records will be maintained by the facility indicating when the filters are changed, any malfunctions that occur, and any repairs that are made.

If the instantaneous observation of any visible emissions (except the emission of uncombined water) from the same emission point and/or emission source is 20 percent or greater for three consecutive observations, then a Method 9 analysis (based on a six minute average) of the affected emission point(s) must be conducted within one business day of such occurrence. The Regional Air Pollution Control Engineer (RAPCE) shall be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the

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Department.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include detailing the weeks the emission unit process(es) operate, time of day of observation, observer's name, identity of emission point(s), weather conditions observed, an explanation for each week that weather conditions are prohibitive, whether a plume is or is not observed and whether visible emissions of 20 percent or greater are observed, and corrective actions taken. The documentation maintained shall also include records of the Method 9 analyses performed.

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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 49: Applicability and compliance
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 49.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: CC1

Item 49.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.



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Condition 50: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.2

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CCI

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and excluded VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:

$$(VOC)_a = (Dc)_a \left\{ [(Wv)_a - (Ww)_a - (We)_a] / [1 - [(Vw)_a + (Ve)_a]] \right\}$$

Where:

(VOC)_a = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and excluded VOC

(Dc)_a = Coating density as applied, in pounds per gallon

(Wv)_a = The weight fraction of total volatiles in the coating, as applied

(Ww)_a = The weight fraction of water in the coating, as applied

(Vw)_a = The volume fraction of water in the coating, as applied

(We)_a = The weight fraction of excluded VOCs in the coating, as applied

(Ve)_a = The volume fraction of excluded VOCs in the coating, as applied

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 51: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CC1

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:

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall demonstrate the volatile organic compounds per gallon, minus water and excluded VOC, of coating at application is equal to or less than 3.5 pounds. Monitoring frequency shall be monthly.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.



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

Condition 52: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CCI

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six minute period from any emission source subject to 6NYCRR Part 228.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources for the process(es) once per week during weeks the emission unit process(es) operate. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

A visible emissions observation shall not be required on portable paint booths that have no stacks. Where portable paint booths are used, to manage fugitive emissions, these paint booths will be required to have filters. The filters must be changed on a regular basis and be maintained to ensure compliance. Records will be maintained by the facility indicating when the filters are changed, any malfunctions that occur, and any repairs that are made.

If the instantaneous observation of any visible emissions from the same emission point and/or emission source is 20 percent or greater for three consecutive observations, then a Method 9 analysis (based on a six minute average) of the affected emission point(s) must be conducted within



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one business day of such occurrence. The Regional Air Pollution Control Engineer (RAPCE) shall be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include detailing the weeks the emission unit process(es) operate, time of day of observation, observer's name, identity of emission point(s), weather conditions observed, an explanation for each week that weather conditions are prohibitive, whether a plume is or is not observed and whether visible emissions of 20 percent or greater are observed, and corrective actions taken. The documentation maintained shall also include records of the Method 9 analyses performed.

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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 53: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CC1



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Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six minute period from any emission source subject to 6NYCRR Part 228. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 54: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: CC1

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of



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the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 55: method 24 40 CFR 60
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 55.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: CC1

Item 55.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 56: Alternative Analytical Methods
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 56.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: CC1

Item 56.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Condition 57: samples
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 57.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: CC1

Item 57.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain



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coating samples for the purpose of determining compliance.

Condition 58: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 58.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: CCI

Item 58.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 59: certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 59.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: CCI

Item 59.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 60: Emissions from new emission sources and/or modifications
not specified by Table 2
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 60.1:

This Condition applies to Emission Unit: 1-GNRTR

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Process: CLN

Item 60.2:

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

Condition 61: Emissions from new emission sources and/or modifications not specified by Table 2
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 61.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: CY1

Item 61.2:

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

Condition 62: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: CY1

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method



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9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

**Condition 63: Emissions from new emission sources and/or modifications not specified by Table 2
Effective between the dates of 08/02/2002 and 08/02/2007**

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 63.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: CY2

Item 63.2:

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

**Condition 64: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007**

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: CY2

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Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

Subsequent reports are due every 12 calendar month(s).

Condition 1-24: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-24.1:

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 63-B.40



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Item 1-24.2:

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

Item 1-24.3:

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 1-24.4:

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 1-24.5:

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 1-24.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: G01

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

Item 1-24.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emissions of total HAPs from sources in Process G01 of Emission Unit 1-GNRTR shall be equal to or less than 19,800 pounds over any 12 consecutive month period.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the



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date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 65: Applicability and compliance
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 65.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 65.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 66: afterburner - 80% overall removal efficiency of volatile organic compounds
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 66.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 66.2:

The afterburner shall be energy efficient and shall be designed and operated to provide, at a minimum, for an 80 percent overall removal efficiency of volatile organic compounds. The control equipment shall operate on minimal auxiliary fuel and provide for maximum heat recovery.

Condition 67: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 67.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-GNRTR

Process: G01

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within 30 days of permit issuance, the facility owner or operator shall submit, for Department approval, a schedule for demonstrating compliance with the requirements of 6NYCRR Part 228.3(b) and (c) through stack testing.

This schedule shall outline the following at a minimum:

Date of submission of stack test protocol(s) for Department review, proposed date(s) of stack test, and proposed date(s) of submission of stack test results.

The stack test and the submission of results shall be in accordance with the approved schedule and shall take place within 180 days of startup. The stack test protocol shall be submitted to the Department no later than 60 days prior to the proposed date of emissions testing. Stack test results shall be submitted to the Department no later than 60 days after completion of the test. This testing is in addition to an initial stack test specifically required by any rule or requirement, if applicable.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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).

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Condition 68: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: G01

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A stack test shall be performed to determine the overall removal efficiency of the thermal oxidizer used to control emissions. The stack testing shall show compliance with the requirements of 6NYCRR Part 228.3(b) and (c). Compliance shall be demonstrated at a minimum 80% overall removal efficiency.

As determined during the stack test, the combustion bed temperature that corresponds to the combustion bed temperature which demonstrates compliance with 6 NYCRR Part 228.3(b) and (c) shall become the minimum combustion bed temperature of the combustion bed. To ensure continued compliance with the requirements, the combustion bed temperature of the oxidizer shall be maintained above the temperature of the test and will be monitored on a continuous basis. Continuous monitoring shall consist of no less than one measurement per five minutes. Upon stack test acceptance by the Department, this condition may require modification.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.



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Parameter Monitored: VOC
Lower Permit Limit: 80 percent
Reference Test Method: 40CFR 60 Appendix A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 69: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: G01

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

Item 69.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A stack test shall be performed to determine the overall removal efficiency of the thermal oxidizer used to control emissions. The stack testing shall show compliance with the requirements of 6NYCRR Part 228.3(b) and (c). Compliance shall be demonstrated at a minimum 80% overall removal efficiency.

As determined during the stack test, the combustion bed temperature which demonstrates compliance with 6 NYCRR Part 228.3(b) and (c) shall become the minimum combustion bed temperature of the oxidizer. (see ** NOTE ** below).

To ensure continued compliance with the requirements, the combustion bed temperature shall be maintained above the minimum temperature as determined during the stack test



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and will be monitored on a continuous basis using a monitoring system consisting of a type K thermocouple temperature probe and a PLC recorder to record the temperature. Continuous monitoring shall consist of no less than one measurement per five minutes. The monitoring system shall be operated and periodically maintained in accordance with the manufacturer's recommendations. Any charts needed will be changed on the basis of their periodicity (i.e., weekly charts changed on a weekly basis, daily charts changed on a daily basis).

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

**** NOTE **** The proposed stack test protocol dated January 17, 2002 (received January 18, 2002) indicates that the combustion bed set point temperature is maintained at 1500 degrees F. The actual combustion bed temperatures vary around the combustion set point temperature. The stack test to be performed shall verify the actual combustion bed temperature at which compliance is maintained. Upon stack test acceptance by the Department, this condition may require modification.

PLC Manufacturer Name/Model Number: Type K Thermocouple Temp Probe - Temp Recorded by

Parameter Monitored: TEMPERATURE
Lower Permit Limit: TBD degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
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 70: solids as applied
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(c)



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Item 70.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 70.2:

Control strategies utilizing an air cleaning device must determine the required overall removal efficiency on a solids as applied basis as per Part 228.2(b)(22). Using the appropriate coating parameters and VOC limits the overall removal efficiency required is the lesser of the value calculated or 85 percent.

Condition 71: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: G01

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent



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Reference Test Method: METHOD 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 72: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: G01

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

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 73: method 24 40 CFR 60
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 73.1:

This Condition applies to Emission Unit: 1-GNRTR

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Process: G01

Item 73.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 74: Alternative Analytical Methods

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 74.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 74.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Condition 75: samples

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 75.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 75.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 76: control equipment other than VOC/solvent recovery

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(e)(2)

Item 76.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 76.2:

When a coating line utilizes control equipment to comply with the provisions of Part 228, test methods acceptable to the department must be used when demonstrating the overall removal efficiency. For control equipment other than VOC/solvent recovery, this demonstration must include provisions to determine both the efficiency of the capture system and of the subsequent destruction and/or removal of these air contaminants by the control equipment prior to their release to the atmosphere.

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Condition 77: Control requirement
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(f)

Item 77.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 77.2:

The owner or operator must follow notification requirements, protocol requirements and test procedures of 6NYCRR Part 202 for testing and monitoring. Depending upon the conditions at a test site, one of the following test methods from Appendix A of 40 CFR 60 must be used when measuring volatile organic compound (VOC) concentrations of a gas stream at the inlet and outlet of a control device to determine the destruction and/or removal efficiency:

- (a) Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography,
- (b) Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon,
- (c) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.
- (d) Methods not listed above must be approved in advance by the commissioner's representative and the United States Environmental Protection Agency.

Condition 78: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 78.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 78.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and

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- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 79: certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 79.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: G01

Item 79.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 81: Emissions from new emission sources and/or modifications not specified by Table 2

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 81.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: K24

Item 81.2:

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

Condition 82: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: K24

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

Subsequent reports are due every 12 calendar month(s).

Condition 83: Applicability and compliance
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 83.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA1

Item 83.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 84: Compliance Certification



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Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.2

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA1

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and excluded VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:

$$(VOC)_a = (Dc)_a \left\{ \frac{[(Wv)_a - (Ww)_a - (We)_a]}{[1 - [(Vw)_a + (Ve)_a]]} \right\}$$

Where:

(VOC)_a = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and excluded VOC

(Dc)_a = Coating density as applied, in pounds per gallon

(Wv)_a = The weight fraction of total volatiles in the coating, as applied

(Ww)_a = The weight fraction of water in the coating, as applied

(Vw)_a = The volume fraction of water in the coating, as applied

(We)_a = The weight fraction of excluded VOCs in the coating, as applied

(Ve)_a = The volume fraction of excluded VOCs in the coating, as applied

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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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 85: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall demonstrate the volatile organic compounds per gallon, minus water and excluded VOC, of coating at application is equal to or less than 3.5 pounds. Monitoring frequency shall be monthly.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

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Condition 86: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA1

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

Subsequent reports are due every 12 calendar month(s).



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Condition 87: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA1

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

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 88: method 24 40 CFR 60

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 88.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA1

Item 88.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 89: Alternative Analytical Methods

Effective between the dates of 08/02/2002 and 08/02/2007



Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 89.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA1

Item 89.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Condition 90: samples
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 90.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA1

Item 90.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 91: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 91.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA1

Item 91.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

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Condition 92: certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 92.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA1

Item 92.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 93: Emissions from new emission sources and/or modifications not specified by Table 2
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 93.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA2

Item 93.2:

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

Condition 94: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: LA2

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

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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Monitoring Description:

Emissions of solid particulates are limited to less than 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 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 1/30/2003.

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

Condition 95: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA2

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 96: Applicability and compliance
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 96.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA3

Item 96.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 97: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.2

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: LA3

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and excluded VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:



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$$(VOC)_a = (Dc)_a \left\{ \frac{[(Wv)_a - (Ww)_a - (We)_a]}{[1 - [(Vw)_a + (Ve)_a]]} \right\}$$

Where:

(VOC)_a = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and excluded VOC

(Dc)_a = Coating density as applied, in pounds per gallon

(Wv)_a = The weight fraction of total volatiles in the coating, as applied

(Ww)_a = The weight fraction of water in the coating, as applied

(Vw)_a = The volume fraction of water in the coating, as applied

(We)_a = The weight fraction of excluded VOCs in the coating, as applied

(Ve)_a = The volume fraction of excluded VOCs in the coating, as applied

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 98: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA3

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 98.2:

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall demonstrate the volatile organic compounds per gallon, minus water and excluded VOC, of coating at application is equal to or less than 3.5 pounds. Monitoring frequency shall be monthly.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 99: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA3

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis, unless an emission point has already been evaluated during the operation of



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Process LA1 or LA4. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 100: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: LA3

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of

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the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

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 101: method 24 40 CFR 60

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 101.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA3

Item 101.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 102: Alternative Analytical Methods

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 102.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA3

Item 102.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Condition 103: samples

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 103.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA3

Item 103.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain



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coating samples for the purpose of determining compliance.

Condition 104: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 104.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA3

Item 104.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 105: certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 105.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA3

Item 105.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 106: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 106.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-GNRTR

Process: LA4

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition shall apply to only those parts of the facility identified in the protocol indicated below. (In addition, the requirements of the monitoring condition listed as "Applicable Federal Requirement 6NYCRR 201-6.5(f) for the Facility" contained elsewhere in this permit shall also apply.)

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

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

**OPERATIONAL FLEXIBILITY PROTOCOL
FOR EMISSION UNIT 1-GNRTR, PROCESS LA4**

The "Operational Flexibility Protocol For Emission Unit 1-GNRTR, Process LA4" shall consist of the following"

(A) Forward

This protocol addresses the capability to use non-compliant coatings in the stator lamination line surface coating process at the facility. A regenerative thermal oxidizer has been installed to control VOC emissions from the stator lamination line, as well as other VOC emission sources. The thermal oxidizer and VOC capture system has been designed with an overall removal

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efficiency of greater than 80%. Given that the stator lamination line process will have the ability to vent to the thermal oxidizer, and in order to maximize operational flexibility, implementation of this protocol shall provide the ability to utilize non-compliant coatings in addition to compliant coatings in the stator lamination line. This protocol outlines the steps that shall be taken in the event a non-compliant coating is required to be utilized in the stator lamination line process. If this protocol is followed and the proposed non-compliant coating meets the outlined criteria, a permit modification shall not be required. If an emission test approved by the Department demonstrates an overall removal efficiency greater than 80%, then that overall removal efficiency may be utilized when evaluating a new coating.

(B) Applicable Emission Sources:

This protocol applies to the following emission sources:

Emission Unit: 1-GNRTR

Process: LA4

Emission Sources: 3025A, 3025B, 3031A, 3031B, 3033A, 3033B, 3035A, and 3035B

(C) Protocol:

(1) When a non-compliant coating is requested to be utilized in the stator lamination line process, the facility shall obtain an MSDS and/or manufacturer's specifications for each material that comprises the proposed coating system. The MSDS and/or manufacturer's specifications shall specify the VOC content of each material in the coating system and the percent by weight of each constituent in each material of the coating system.

(2) Based upon the MSDS and/or manufacturer's specifications, the Emission Rate Potential (ERP) of each A-rated VOC, if any, shall be determined. VOCs identified as A-rated shall be those that are High Toxicity Contaminants, utilizing the Department's DAR-1 (formerly Air Guide-1) AGC/SGC Tables. Excluded VOCs shall not be considered. If the proposed coating system contains any A-rated VOCs with an ERP of 1 pound per hour or greater, then the coating system shall not be utilized

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unless a permit modification is obtained.

(3) The VOC content of the coating system, as applied, shall be determined. If the VOC content is less than or equal to 3.5 pounds per gallon, then the coating is compliant and the remainder of this protocol can be disregarded.

(4) For coating systems with a VOC content of greater than 3.5 pounds per gallon, the Overall Removal Efficiency (ORE) shall be calculated utilizing the appropriate equations involving the term "overall removal efficiency" provided in 6NYCRR Part 228. If the required ORE determined using the Part 228 equations is greater than 80%, the proposed coating system shall not be utilized, or a RACT variance application shall be pursued. However if an emissions test approved by the Department demonstrates an ORE of at least 85%, then the coating is acceptable for use regardless of the results of the ORE determined using the Part 228 equations.

(5) If the required ORE determined using the Part 228 equations is less than or equal to 80%, then the facility shall notify Department, in writing, of the new coating system and provide documentation as appropriate. The non-compliant coating may be utilized subject to the requirements of the "Operational Flexibility Plan For The Entire Facility", which is contained in another condition of 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 107: Applicability and compliance

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 107.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA4

Item 107.2:



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Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 108: afterburner - 80% overall removal efficiency of volatile organic compounds
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 108.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 108.2:

The afterburner shall be energy efficient and shall be designed and operated to provide, at a minimum, for an 80 percent overall removal efficiency of volatile organic compounds. The control equipment shall operate on minimal auxiliary fuel and provide for maximum heat recovery.

Condition 109: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: LA4

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

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within 30 days of permit issuance, the facility owner or operator shall submit, for Department approval, a schedule for demonstrating compliance with the requirements of 6NYCRR Part 228.3(b) and (c) through stack testing.

This schedule shall outline the following at a minimum:

Date of submission of stack test protocol(s) for



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Department review, proposed date(s) of stack test, and proposed date(s) of submission of stack test results.

The stack test and the submission of results shall be in accordance with the approved schedule and shall take place within 180 days of startup. The stack test protocol shall be submitted to the Department no later than 60 days prior to the proposed date of emissions testing. Stack test results shall be submitted to the Department no later than 60 days after completion of the test. This testing is in addition to an initial stack test specifically required by any rule or requirement, if applicable.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 110: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA4

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 110.2:

Compliance Certification shall include the following monitoring:

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

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Monitoring Description:

A stack test shall be performed to determine the overall removal efficiency of the thermal oxidizer used to control emissions. The stack testing shall show compliance with the requirements of 6NYCRR Part 228.3(b) and (c). Compliance shall be demonstrated at a minimum 80% overall removal efficiency.

As determined during the stack test, the combustion bed temperature which demonstrates compliance with 6 NYCRR Part 228.3(b) and (c) shall become the minimum combustion bed temperature of the oxidizer. (see **** NOTE **** below).

To ensure continued compliance with the requirements, the combustion bed temperature shall be maintained above the minimum temperature as determined during the stack test and will be monitored on a continuous basis using a monitoring system consisting of a type K thermocouple temperature probe and a PLC recorder to record the temperature. Continuous monitoring shall consist of no less than one measurement per five minutes. The monitoring system shall be operated and periodically maintained in accordance with the manufacturer's recommendations. Any charts needed will be changed on the basis of their periodicity (i.e., weekly charts changed on a weekly basis, daily charts changed on a daily basis).

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

**** NOTE **** The proposed stack test protocol dated January 17, 2002 (received January 18, 2002) indicates that the combustion bed set point temperature is maintained at 1500 degrees F. The actual combustion bed temperatures vary around the combustion bed set point temperature. The stack test to be performed shall verify the actual combustion bed temperature at which compliance is maintained. Upon stack test acceptance by the Department, this condition may require modification.



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Manufacturer Name/Model Number: Type K Thermocouple Temp Probe - Temp Recorded by
PLC

Parameter Monitored: TEMPERATURE

Lower Permit Limit: TBD degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

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 111: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(b)

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA4

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A stack test shall be performed to determine the overall removal efficiency of the thermal oxidizer used to control emissions. The stack testing shall show compliance with the requirements of 6NYCRR Part 228.3(b) and (c). Compliance shall be demonstrated at a minimum 80% overall removal efficiency.

As determined during the stack test, the combustion bed temperature that corresponds to the combustion bed temperature which demonstrates compliance with 6 NYCRR Part 228.3(b) and (c) shall become the minimum combustion bed temperature of the combustion bed. To ensure continued compliance with the requirements, the combustion bed temperature of the oxidizer shall be maintained above the temperature of the test and will be monitored on a continuous basis. Continuous monitoring shall consist of



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no less than one measurement per five minutes. Upon stack test acceptance by the Department, this condition may require modification.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Parameter Monitored: VOC

Lower Permit Limit: 80 percent

Reference Test Method: 40CFR 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 112: solids as applied

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(c)

Item 112.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 112.2:

Control strategies utilizing an air cleaning device must determine the required overall removal efficiency on a solids as applied basis as per Part 228.2(b)(22). Using the appropriate coating parameters and VOC limits the overall removal efficiency required is the lesser of the value calculated or 85 percent.

Condition 113: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA4



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Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis, unless an emission point has already been evaluated during the operation of Process LA1 or LA3. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

Subsequent reports are due every 12 calendar month(s).

Condition 114: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: LA4

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Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

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 115: method 24 40 CFR 60

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 115.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA4

Item 115.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 116: Alternative Analytical Methods

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 116.1:

This Condition applies to Emission Unit: 1-GNRTR

Process: LA4

Item 116.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

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Condition 117: samples

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 117.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 117.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 118: control equipment other than VOC/solvent recovery

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(e)(2)

Item 118.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 118.2:

When a coating line utilizes control equipment to comply with the provisions of Part 228, test methods acceptable to the department must be used when demonstrating the overall removal efficiency. For control equipment other than VOC/solvent recovery, this demonstration must include provisions to determine both the efficiency of the capture system and of the subsequent destruction and/or removal of these air contaminants by the control equipment prior to their release to the atmosphere.

Condition 119: Control requirement

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(f)

Item 119.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 119.2:

The owner or operator must follow notification requirements, protocol requirements and test procedures of 6NYCRR Part 202 for testing and monitoring. Depending upon the conditions at a test site, one of the following test methods from Appendix A of 40 CFR 60 must be used when measuring volatile organic compound (VOC) concentrations of a gas stream at the inlet and outlet of a control device to determine the destruction and/or removal efficiency:

- (a) Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography,



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- (b) Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon,
- (c) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.
- (d) Methods not listed above must be approved in advance by the commissioner's representative and the United States Environmental Protection Agency.

Condition 120: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 120.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 120.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 121: certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 121.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LA4

Item 121.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 122: Emissions from new emission sources and/or modifications

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not specified by Table 2

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Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 122.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: LO1

Item 122.2:

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

Condition 123: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: LO1

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.



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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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 124: Emissions from new emission sources and/or modifications not specified by Table 2 Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 124.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: STM

Item 124.2:

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

Condition 125: Compliance Certification Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR
Process: STM

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source,



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except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis, unless an emission point has already been evaluated during the operation of Process AIR. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 126: Emissions from new emission sources and/or modifications not specified by Table 2
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 126.1:

This Condition applies to Emission Unit: 1-GNRTR
Process: VNT

Item 126.2:

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

Condition 127: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007



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Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: VNT

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Emission sources and controls shall be operated and maintained according to good engineering practice. Inspections of the controls (mist eliminators) shall be performed once per month during months the emission unit process(es) operate. Any filters present must be changed on a regular basis and be maintained to ensure compliance.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include detailing the months the emission unit process(es) operate, the results of the inspections, routine maintenance activities, malfunctions, and any repairs and/or corrective actions taken.

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2003.

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

Condition 128: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR

Process: VNT

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2003.
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Condition 1-25: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-25.1:

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 212.10(f)

Item 1-25.2:

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

Item 1-25.3:

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 1-25.4:

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 1-25.5:

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 1-25.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR Emission Point: 03056
Process: B17

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

Item 1-25.7:



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Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emitting tapes shall be processed so that the VOC emission rate potential from Emission Point 03056 is less than 3.0 pounds per hour and the actual emissions in the absence of control equipment from Emission Point 03056 are less than 15.0 pounds per day averaged annually.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 1-26: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-26.1:

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

6NYCRR 212.10(f)

Item 1-26.2:

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

Item 1-26.3:

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



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control requirements, regulations or law.

Item 1-26.4:

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

Item 1-26.5:

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

Item 1-26.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR Emission Point: 03057

Process: B17

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emitting tapes shall be processed so that the VOC emission rate potential from Emission Point 03057 is less than 3.0 pounds per hour and the actual emissions in the absence of control equipment from Emission Point 03057 are less than 15.0 pounds per day averaged annually.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.



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

Condition 1-27: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-27.1:

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

6NYCRR 212.10(c)(1)

Item 1-27.2:

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

Item 1-27.3:

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

Item 1-27.4:

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

Item 1-27.5:

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

Item 1-27.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR Emission Point: 04064
Process: CY1

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

Item 1-27.7:

Compliance Certification shall include the following monitoring:

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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emitting tapes shall be processed so that the VOC emission rate potential from Emission Point 04064 is less than 3.0 pounds per hour.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 1-28: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-28.1:

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

6NYCRR 212.10(c)(1)

Item 1-28.2:

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

Item 1-28.3:

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

Item 1-28.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an



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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 1-28.5:

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

Item 1-28.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR Emission Point: 04066
Process: CY1

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

Item 1-28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emitting tapes shall be processed so that the VOC emission rate potential from Emission Point 04066 is less than 3.0 pounds per hour.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 1-29: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7



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Item 1-29.1:

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

6NYCRR 212.10(f)

Item 1-29.2:

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

Item 1-29.3:

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

Item 1-29.4:

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

Item 1-29.5:

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

Item 1-29.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GNRTR Emission Point: 04072
Process: CY1

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

Item 1-29.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emitting tapes shall be processed so that the VOC emission rate potential from Emission Point 04072 is less than 3.0 pounds per hour and the actual emissions in the



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absence of control equipment from Emission Point 04072 are less than 15.0 pounds per day averaged annually.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 134: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LASER

Process: LSR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 135: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LASER

Process: LSR

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission sources and controls shall be operated and maintained according to good engineering practice. Inspections of the controls (filters and HEPA filters) shall be performed once per month during months the emission unit process(es) operate. Filters must be changed on a regular basis and be maintained to ensure compliance.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include detailing the months the emission unit process(es) operate, the results of the inspections, routine maintenance activities, malfunctions, and any repairs and/or corrective actions taken.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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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 136: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LASER
Process: LSR

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 137: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 137.1:

The Compliance Certification activity will be performed for:

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Emission Unit: B-OILRS

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 138: Corrective Action

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 138.1:

This Condition applies to Emission Unit: B-OILRS

Item 138.2:

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

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

Condition 139: Corrective Action



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Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 139.1:

This Condition applies to Emission Unit: B-OILRS

Item 139.2:

The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraphs 6 NYCRR Part 227-1.6(a)(1)-(3) are not met within the time provided by the order of final determination issued in the case of the violation.

Condition 140: Corrective Action

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 140.1:

This Condition applies to Emission Unit: B-OILRS

Item 140.2:

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with 6 NYCRR Part 227-1.6.

Condition 141: Corrective Action

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 141.1:

This Condition applies to Emission Unit: B-OILRS

Item 141.2:

No person except the commissioner or his representatives shall remove, tamper with or destroy any seal affixed to any stationary combustion installation in accordance with 6 NYCRR Part 227-1.6.

Condition 142: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 142.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67G



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Item 142.2:

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

**Condition 143: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 08/02/2002 and 08/02/2007**

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 143.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67G

Item 143.2:

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

**Condition 144: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007**

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

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67G

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

**Condition 145: Duration of records maintained.
Effective between the dates of 08/02/2002 and 08/02/2007**

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



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Item 145.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67G

Item 145.2:

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

Condition 146: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 146.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67O

Item 146.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Stack opacity shall not exceed 20 percent (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. Compliance with this standard may be determined by EPA Reference Method 9, Continuous Opacity Monitoring System (COMS) data, and/or any other credible evidence. The owner shall install, operate, and maintain according to good engineering practice a COMS in the stack satisfying the applicable criteria in Appendix B of 40 CFR part 60.

The owner shall submit an excess emissions and monitoring system performance report to the Department for each calendar year quarter. All reports shall be certified by a responsible official as true, accurate and complete and post marked by the 30th day following the end of each calendar year quarter. The quarterly excess emissions report shall be submitted in a form acceptable to the Department and shall include the following minimum information:

(1) The magnitude, date and time of each six minute block average during which the average opacity of emissions exceeds 20 percent, except for one six minute block



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average per hour not to exceed 27 percent;

(2) For each period of excess emissions, specific identification of the cause and corrective action taken, where applicable;

(3) Identification of all periods of COMS down time during periods when the COMS is required to be operated, including the date, time and duration of each inoperable period, and the cause and corrective action for each COMS down time period;

(4) The total time in which the COMS are required to record data during the reporting period;

(5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time which the COMS are required to record data.

Manufacturer Name/Model Number: Rosemount OPM2000R Opacity Monitor

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 APP B RM 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2002.

Subsequent reports are due every 3 calendar month(s).

Condition 147: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 147.2:

Compliance Certification shall include the following monitoring:



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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.

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 148: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Item 148.2:

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

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exceeding the following limitation.

The owner or operator shall collect oil samples of residual fuel oil and monitor sulfur content. The monitoring frequency shall be in accordance with the applicable requirements listed elsewhere in this permit for "40CFR 60.46c(d)(1), NSPS Subpart Dc" or "40CFR 60.46c(d)(2), NSPS Subpart Dc" and the averaging method shall be 30 day rolling average.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

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: 0.5 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
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 149: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 08/02/2002 and 08/02/2007**

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 149.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 149.2:

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

**Condition 150: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007**

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

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Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

The owner or operator shall collect oil samples of residual fuel oil and monitor sulfur content. The monitoring frequency shall be in accordance with the applicable requirements listed elsewhere in this permit for "40CFR 60.46c(d)(1), NSPS Subpart Dc" or "40CFR 60.46c(d)(2), NSPS Subpart Dc" and the averaging method shall be 30 day rolling average.

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: 0.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 151: Averaging period.

Effective between the dates of 08/02/2002 and 08/02/2007

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

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Item 151.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 151.2:

Compliance with emission limits, percent reduction, and fuel oil sulfur limitations shall be based on a 30 day rolling average.

Condition 152: Enforceability.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 152.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 152.2:

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

Condition 153: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67O

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

Item 153.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per



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hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. The particulate matter and opacity standards of section 40CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Parameter Monitored: OPACITY
Upper Permit Limit: 20.0 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2002.
Subsequent reports are due every 3 calendar month(s).

Condition 154: Enforceability of particulate matter and opacity standards.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 154.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 154.2:

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

Condition 155: Alternative compliance methods for sulfur dioxide.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 155.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 155.2:

Oil fired facilities demonstrating compliance through sampling and analysis shall initially prove the oil sulfur content to be 0.50% by weight or less.

Condition 156: Compliance methods for particulate matter.

Effective between the dates of 08/02/2002 and 08/02/2007

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Applicable Federal Requirement: 40CFR 60.45c, NSPS Subpart Dc

Item 156.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 156.2:

The facility shall conduct compliance testing for particulate matter by the methods listed in this section 40 CFR 60-Dc.45c.

Condition 157: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.46c(d)(1), NSPS Subpart Dc

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67O

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

Item 157.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

For affected facilities combusting coal or oil, coal or oil samples shall be collected daily in an as-fired condition at the inlet to the steam generating unit and analyzed for sulfur content and heat content according to the Method 19. Method 19 provides the procedures for converting these measurements into the format to be used in calculating the average SO₂ input rate.



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Alternatively, the requirements of 40 CFR 60.46c(d)(2) can apply during the process source combustion of residual fuel oil.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Reference Test Method: Method 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
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 158: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.46c(d)(2), NSPS Subpart Dc

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67O

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

Item 158.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted.

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Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Reference Test Method: Method 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
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 159: Opacity monitoring requirements.
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.47c, NSPS Subpart Dc

Item 159.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 159.2:

Facilities combusting coal, residual oil, and wood, subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity.

Condition 160: Opacity monitoring requirements.
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.47c, NSPS Subpart Dc

Item 160.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 160.2:

All CEMs measuring opacity shall be operated in accordance with Appendix B of this part 40 CFR 60. The span value shall be between 60% and 80%.

Condition 161: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.47c(a), NSPS Subpart Dc

Item 161.1:

The Compliance Certification activity will be performed for:



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Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 161.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When combusting oil, a CEMS shall be operated to record opacity. The CEMS shall be calibrated, maintained, and operated in accordance with all required specifications and regulations.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include detailing the results of the calibrations, routine maintenance activities, malfunctions, and any repairs and/or corrective actions taken.

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 162: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Item 162.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of each affected facility subject to the sulfur dioxide emission limits of 40 CFR 60.42c, or the PM or opacity limits of 40 CFR 60.43c, shall submit to the Administrator the performance test data from the initial and any subsequent performance tests and, if applicable, the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 163: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Monitoring Description:

The owner or operator of each coal-fired, residual, oil-fired, or wood-fired affected facility subject to the opacity limits under §60.43c(c) shall submit excess emission reports, to the Administrator, semiannually. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 164: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 164.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 165: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 165.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Calendar dates covered in the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 166: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 60.48c(e)(2), NSPS Subpart Dc

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 166.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average SO₂ emission rate, or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

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 167: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 167.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Item 167.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Condition 168: Duration of records maintained.

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 168.1:

This Condition applies to Emission Unit: B-OILRS
Process: 67O

Item 168.2:

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

Condition 1-30: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-30.1:

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

40CFR 52-A.21

Item 1-30.2:

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

Item 1-30.3:

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

Item 1-30.4:

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

Item 1-30.5:

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



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Item 1-30.6:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0002A

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-30.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall monitor and record fuel usage to maintain emissions below the PSD applicability threshold requirement of 40 tons per year significant increase for sulfur dioxide (SO₂). To stay below the significant increase, sources 0002A (Boiler #7) and 0004B (Boiler #6) shall have their fuel usage restricted such that the maximum SO₂ emissions from each boiler shall not exceed 128.2 tons per year.

Compliance with the 128.2 tons per year SO₂ emission limit shall be accomplished by documenting that each boiler meets its NO_x RACT requirement of not being fired primarily with residual oil. Based on the previous installation of low NO_x burners (and subsequent Department acceptance in 1996 of a stack test report indicating NO_x of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.



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Compliance for source 0002A shall be determined by summing the individual fuel usage during any consecutive 12 month period. By the end of each month, the facility shall calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The 128.2 tons per year restriction and the NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) were implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-31: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-31.1:

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

40CFR 52-A.21

Item 1-31.2:

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

Item 1-31.3:

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



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control requirements, regulations or law.

Item 1-31.4:

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

Item 1-31.5:

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

Item 1-31.6:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0002A

Regulated Contaminant(s):

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

Item 1-31.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall monitor and record fuel usage to maintain emissions below the PSD applicability threshold requirement of 40 tons per year significant increase for oxides of nitrogen (NOx). To stay below the significant increase, sources 0002A (Boiler #7) and 0004B (Boiler #6) shall have their fuel usage restricted such that the maximum NOx emissions from each boiler shall not exceed 98.0 tons per year.

Compliance with the 98.0 tons per year NOx emission limit shall be accomplished by documenting that each boiler meets its NOx RACT requirement of not being fired primarily with residual oil. Based on the previous installation of low NOx burners (and subsequent Department acceptance in 1996 of a stack test report indicating NOx of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when



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firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.

Compliance for source 0002A shall be determined by summing the individual fuel usage during any consecutive 12 month period. By the end of each month, the facility shall calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The 98.0 tons per year restriction and the NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) were implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-32: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-32.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following



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applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 227-2.4(c)

Item 1-32.2:

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

Item 1-32.3:

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

Item 1-32.4:

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

Item 1-32.5:

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

Item 1-32.6:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0002A

Regulated Contaminant(s):

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

Item 1-32.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall monitor and record fuel usage to demonstrate that boilers #6 (0004B) and #7 (0002A) meet the oxides of nitrogen (NO_x) RACT requirement of not being fired primarily with residual oil.



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Based on the previous installation of low NO_x burners (and subsequent Department acceptance in 1996 of a stack test report indicating NO_x of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.

Compliance for source 0002A shall be determined by summing the individual monthly fuel usage during any consecutive 12 month period. By the end of each month, the facility shall calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) was implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 170: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007



New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

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

Item 170.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0002A

Regulated Contaminant(s):

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

Item 170.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Fuel oil consumption in boilers #6 (0004B) and #7 (0002A) is prohibited from June 1 through September 30 of each year, unless stack testing results, approved by the Department, demonstrate that these boilers are capable of meeting the 6NYCRR Part 227-2 residual oil NOx emission limit of 0.30 pounds per million BTUs.

[NOTE: This requirement was implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40CFR 60, Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 1-33: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-33.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following



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Facility DEC ID: 4421500054

applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 227-2.4(c)

Item 1-33.2:

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

Item 1-33.3:

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

Item 1-33.4:

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

Item 1-33.5:

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

Item 1-33.6:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0004B

Regulated Contaminant(s):

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

Item 1-33.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall monitor and record fuel usage to demonstrate that boilers #6 (0004B) and #7 (0002A) meet the oxides of nitrogen (NO_x) RACT requirement of not being fired primarily with residual oil.



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Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054

Based on the previous installation of low NO_x burners (and subsequent Department acceptance in 1996 of a stack test report indicating NO_x of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.

Compliance for source 0004B shall be determined by summing the individual monthly fuel usage during any consecutive 12 month period. By the end of each month, the facility shall calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) was implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-34: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054



Applicable Federal Requirement: 6NYCRR 201-7

Item 1-34.1:

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

40CFR 52-A.21

Item 1-34.2:

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

Item 1-34.3:

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

Item 1-34.4:

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

Item 1-34.5:

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

Item 1-34.6:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Emission Source: 0004B

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-34.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 4-4215-00054/00173

Facility DEC ID: 4421500054



The facility shall monitor and record fuel usage to maintain emissions below the PSD applicability threshold requirement of 40 tons per year significant increase for sulfur dioxide (SO₂). To stay below the significant increase, sources 0002A (Boiler #7) and 0004B (Boiler #6) shall have their fuel usage restricted such that the maximum SO₂ emissions from each boiler shall not exceed 128.2 tons per year.

Compliance with the 128.2 tons per year SO₂ emission limit shall be accomplished by documenting that each boiler meets its NO_x RACT requirement of not being fired primarily with residual oil. Based on the previous installation of low NO_x burners (and subsequent Department acceptance in 1996 of a stack test report indicating NO_x of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.

Compliance for source 0004B shall be determined by summing the individual fuel usage during any consecutive 12 month period. By the end of each month, the facility shall calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The 128.2 tons per year restriction and the NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) were implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]



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Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-35: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-35.1:

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

40CFR 52-A.21

Item 1-35.2:

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

Item 1-35.3:

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

Item 1-35.4:

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

Item 1-35.5:

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

Item 1-35.6:

The Compliance Certification activity will be performed for:



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Emission Unit: B-OILRS

Process: 67O

Emission Source: 0004B

Regulated Contaminant(s):

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

Item 1-35.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall monitor and record fuel usage to maintain emissions below the PSD applicability threshold requirement of 40 tons per year significant increase for oxides of nitrogen (NO_x). To stay below the significant increase, sources 0002A (Boiler #7) and 0004B (Boiler #6) shall have their fuel usage restricted such that the maximum NO_x emissions from each boiler shall not exceed 98.0 tons per year.

Compliance with the 98.0 tons per year NO_x emission limit shall be accomplished by documenting that each boiler meets its NO_x RACT requirement of not being fired primarily with residual oil. Based on the previous installation of low NO_x burners (and subsequent Department acceptance in 1996 of a stack test report indicating NO_x of less than 0.1 pounds per million BTUs when firing gas and 0.3 pounds per million BTUs when firing residual fuel oil), the maximum heat input capacity of each boiler when firing gas is 861,984 million BTUs per year. When firing a combination of gas and oil, the total BTU input to each boiler shall not exceed 837,228 million BTUs per year, where heat content for natural gas is 1,014 BTUs per cubic foot and for residual oil is 150,000 BTUs per gallon. To prevent each boiler from firing primarily with oil, the BTU input from firing oil shall not exceed 49 percent of 837,228 million BTUs per year. Based on the limitation of 49 percent of the total allowed heat input, each boiler shall be restricted to firing 2,734,900 gallons of residual fuel oil in any consecutive 12 month period.

Compliance for source 0004B shall be determined by summing the individual fuel usage during any consecutive 12 month period. By the end of each month, the facility shall



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calculate total fuel usage for the previous month and total fuel usage for the previous consecutive 12 month period. Monthly fuel usage shall be determined by collecting daily fuel usage amounts.

[NOTE: The 98.0 tons per year restriction and the NO_x RACT requirement of not being fired primarily with residual oil (i.e. the limitation of 49 percent of the total allowed heat input for firing oil) were implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 6 OIL
Upper Permit Limit: 2734900 gallons per year
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 174: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 174.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: 67O Emission Source: 0004B

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

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Fuel oil consumption in boilers #6 (0004B) and #7 (0002A) is prohibited from June 1 through September 30 of each year, unless stack testing results, approved by the Department, demonstrate that these boilers are capable of meeting the 6NYCRR Part 227-2 residual oil NO_x emission

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limit of 0.30 pounds per million BTUs.

[NOTE: This requirement was implemented in Special Conditions dated 01/06/95 (developed as a result of an 08/24/94 PSD Netting Analysis For Boilers #6 and #7) for a previous emission point permit.]

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: 40CFR 60, Appendix A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 177: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies. Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 177.1:

This Condition applies to Emission Unit: B-OILRS
Process: B5G

Item 177.2:

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

Condition 178: Compliance Certification Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: B5O

Item 178.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

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Monitoring Description:

Stack opacity shall not exceed 20 percent (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. Compliance with this standard may be determined by Visual Inspection "periodic monitoring" as indicated in "Applicable Federal Requirement 6NYCRR 227-1.3 for Emission Unit B-OILRS, Process B5O" contained elsewhere in this permit or by Continuous Opacity Monitoring System (COMs) data as indicated by the following paragraphs of this condition. It is intended that one of these conditions be applicable at all times the emission unit process(es) operate.

COMs data shall be obtained from a COMs that is installed, calibrated, maintained, and operated in accordance with all required specifications and regulations including the applicable criteria in Appendix B of 40 CFR part 60. Except during periods of COMs down time, COMs data monitoring frequency shall be continuous when Visual Inspection "periodic monitoring" is not elected.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall detail when Visual Inspection "periodic monitoring" is elected and when COMs data is elected and shall contain sufficient information to provide, upon request by the Department, an excess emissions and monitoring system performance report for a calendar year quarter. A requested report shall be submitted in a form acceptable to the Department and the report shall include the following minimum information:

- 1) The magnitude, date and time of each six minute block average during which the average opacity of emissions exceeds 20 percent, except for one six minute block average per hour not to exceed 27 percent;
- 2) For each event of excess emissions, specific identification of the cause and corrective action taken, where applicable;
- 3) Identification of all occurrences of COMs down time (regardless of whether down time results from equipment failure or because Visual Inspection "periodic monitoring" is elected or for some other reason) during periods when



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the COMs is required to be operated, including the date, time and duration of each inoperable period, and the cause and corrective action for each COMs down time period;

(4) The total time in which the COMs is required to record data during the reporting period;

(5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time which the COMs is required to record data.

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

Manufacturer Name/Model Number: Rosemount OPM2000R Opacity Monitor

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 APP B RM 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 1/30/2003.

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

Condition 179: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: B5O

Item 179.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Stack opacity shall not exceed 20 percent (six minute

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average), except for one six-minute period per hour of not more than 27 percent opacity. Compliance with this standard may be determined by Continuous Opacity Monitoring System (COMs) data as indicated in "Applicable Federal Requirement 6NYCRR 227-1.3 for Emission Unit B-OILRS, Process B5O" contained elsewhere in this permit or by Visual Inspection "periodic monitoring" as indicated by the following paragraphs of this condition. It is intended that one of these conditions be applicable at all times the emission unit process(es) operate.

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 "periodic monitoring" as follows:

1) On each day such a boiler is fired by oil, observe each stack for that boiler for visible emissions (determining the presence or absence of visible emissions). Each observation must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) If the daily instantaneous observations of any visible emissions (other than steam - see ** NOTE ** below) are greater than 20 percent for 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 Regional Air Pollution Control Engineer (RAPCE) shall be notified within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department.

3) Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records of daily observations shall include detailing the days the emission unit process(es) operate, time of day of observation, observer's name, identity of emission point(s), weather conditions observed, an explanation for each day that weather conditions are prohibitive, whether a plume is or is not observed and whether visible emissions greater than 20 percent are observed, and corrective actions taken. The documentation maintained



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shall also include records of the Method 9 analyses performed. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

4) The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 180: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(2)

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: B5O

Regulated Contaminant(s):

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

Item 180.2:

Compliance Certification shall include the following monitoring:



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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limits for mid-size boilers, where initial stacking testing is required for compliance.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40CFR 60, Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 181: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 181.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: B5O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 181.2:

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

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minimum of five years.

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 182: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 182.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS

Process: B5O

Item 182.2:

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.

The owner or operator shall collect oil samples of residual fuel oil and monitor sulfur content. The monitoring frequency shall be in accordance with the applicable requirements listed elsewhere in this permit for "40CFR 60.46c(d)(1), NSPS Subpart Dc" or "40CFR 60.46c(d)(2), NSPS Subpart Dc" and the averaging method shall be 30 day rolling average.

As an alternative to collecting oil samples of residual fuel oil for monitoring sulfur content, the owner or operator may elect to retain fuel oil supplier certifications for each shipment of oil received. For this alternative, the monitoring frequency shall be "per



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delivery" and the averaging method shall be "maximum - not to be exceeded at any time (instantaneous/discrete or grab)".

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

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

Condition 183: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 183.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-OILRS
Process: B5O

Item 183.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

As an alternative to collecting oil samples of residual fuel oil for monitoring sulfur content, the owner or operator may elect to 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, oil sulfur

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content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request, and also shall be maintained on site for a minimum of five years.

Monitoring Frequency: PER DELIVERY
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 184: Multiple combustion sources.
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-1.2(b)

Item 184.1:

This Condition applies to Emission Unit: B-OILRS Emission Point: 00004

Item 184.2:

The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.

Condition 185: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 185.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-LBATH
Process: BTH

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

Item 185.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions and on a dry gas basis. Compliance testing will be conducted at the discretion of

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the Department.

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 1/30/2003.

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

Condition 186: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-LBATH

Process: BTH

Item 186.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9 analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required.



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The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 187: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 227-2.4(g)

Item 187.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-XMBLR

Item 187.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. DAR-5 (Air Guide 33) entitled "Small Boiler Tune-up Requirements for NOx RACT Compliance" addresses the tune-up including additional record keeping requirements.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include the date which the equipment was adjusted and the name, title, and affiliation of the person who adjusted the equipment.

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

Monitoring Frequency: ANNUALLY



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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 1-36: Capping Monitoring Condition

Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-36.1:

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

40CFR 52-A.21

Item 1-36.2:

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

Item 1-36.3:

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

Item 1-36.4:

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

Item 1-36.5:

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

Item 1-36.6:

The Compliance Certification activity will be performed for:

Emission Unit: E-XMBLR

Process: 2FO

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

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Item 1-36.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

When burning number 2 fuel oil, two 8.4 million BTU per hour boilers (sources 0009A and 0010A) are restricted to burning low sulfur (0.5 percent by weight) fuel oil. No person will sell, offer for sale, purchase or use any number 2 fuel oil which contains sulfur in a quantity exceeding this limitation. Fuel oil supplier certifications shall be retained for each shipment of oil received.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be in a format acceptable to the Department, shall include pertinent supporting data and calculations as necessary, shall be retained at the facility for five years after the date of the last entry, and upon request, shall be made available for Department review.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

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 1/30/2007.

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

Condition 188: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 188.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-XMBLR

Process: 2FO

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Item 188.2:

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 1/30/2003.

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

Condition 190: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

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

Item 190.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-XMBLR Emission Point: 00009

Process: 2FO

Item 190.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a stationary combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60. The facility owner/operator shall perform a Method 9 analysis of each emission point on an annual basis. The Method 9 analysis shall be performed during the operation of the processes and sources associated with the emission point being tested. The operating conditions during the Method 9



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analysis shall reflect at a minimum the normal operation of the processes and sources. The results of the Method 9 analysis shall be submitted to the Department. In addition, the facility shall maintain all records on site for a period of five years. If any visible emissions are noted above the limit specified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 12 calendar month(s).

Condition 191: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 191.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-ANDER
Process: SAN

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

Item 191.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.05 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf



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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 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 192: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 192.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-ANDER
Process: SAN

Item 192.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission sources and controls shall be operated and maintained according to good engineering practice. Inspections of the controls (dust collectors) shall be performed once per month during months the emission unit process(es) operate.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include detailing the months the emission unit process(es) operate, the results of the inspections, routine maintenance activities, malfunctions, and any repairs and/or corrective actions taken.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION



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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 193: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 193.1:

The Compliance Certification activity will be performed for:

Emission Unit: S-ANDER
Process: SAN

Item 193.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 1-37: Capping Monitoring Condition
Effective between the dates of 10/06/2006 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-37.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of



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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 231-2.2(a)

Item 1-37.2:

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

Item 1-37.3:

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 1-37.4:

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 1-37.5:

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 1-37.6:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-37.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of VOCs from sources in this emission unit shall be less than 19,800 pounds over any 12 consecutive month period.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records shall be



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

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 194: products regulated
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.9

Item 194.1:

This Condition applies to Emission Unit: T-URBIN

Item 194.2:

The "Process, emission source and description of products" column in tables 1 and 2 of 6 NYCRR Part 228 may not contain all possible products in each coating line category. For any products not specifically listed, the commissioner will determine, based on inspections of the process, emission source and product to be coated, which limits in table 1 or 2 apply.

Condition 196: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 196.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN
Process: CC2

Item 196.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission sources and controls shall be operated and maintained according to good engineering practice. All paint booths will be required to have filters. The filters must be changed on a regular basis and be



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maintained to ensure compliance.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall include detailing the weeks the emission unit process(es) operate, when the filters are changed, any malfunctions that occur, and any repairs that are made.

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

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 197: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 197.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Process: CC2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 197.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.05 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES



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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 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 198: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 198.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN
Process: CC2

Item 198.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources for the process(es) once per week during weeks the emission unit process(es) operate. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

A visible emissions observation shall not be required on portable paint booths and fugitive sources that have no stacks. Where portable paint booths are used, to manage fugitive emissions, these paint booths will be required to have filters. The filters must be changed on a regular basis and be maintained to ensure compliance. Records



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will be maintained by the facility indicating when the filters are changed, any malfunctions that occur, and any repairs that are made.

If the instantaneous observation of any visible emissions (except the emission of uncombined water) from the same emission point and/or emission source is 20 percent or greater for three consecutive observations, then a Method 9 analysis (based on a six minute average) of the affected emission point(s) must be conducted within one business day of such occurrence. The Regional Air Pollution Control Engineer (RAPCE) shall be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include detailing the weeks the emission unit process(es) operate, time of day of observation, observer's name, identity of emission point(s), weather conditions observed, an explanation for each week that weather conditions are prohibitive, whether a plume is or is not observed and whether visible emissions of 20 percent or greater are observed, and corrective actions taken. The documentation maintained shall also include records of the Method 9 analyses performed.

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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).



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Condition 199: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 199.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Process: CC2

Item 199.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 200: Applicability and compliance

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 200.1:

This Condition applies to Emission Unit: T-URBIN

Process: CC2

Item 200.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with



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the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 201: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.2

Item 201.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Process: CC2

Item 201.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and excluded VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:

$$(VOC)_a = (Dc)_a \{ [(Wv)_a - (Ww)_a - (We)_a] / [1 - [(Vw)_a + (Ve)_a]] \}$$

Where:

(VOC)_a = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and excluded VOC

(Dc)_a = Coating density as applied, in pounds per gallon

(Wv)_a = The weight fraction of total volatiles in the coating, as applied

(Ww)_a = The weight fraction of water in the coating, as applied

(Vw)_a = The volume fraction of water in the coating, as applied

(We)_a = The weight fraction of excluded VOCs in the coating, as applied

(Ve)_a = The volume fraction of excluded VOCs in the coating, as applied



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Reference Test Method: Method 24 (40CFR60)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 202: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 202.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN
Process: CC2

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

Item 202.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. The records shall demonstrate the volatile organic compounds per gallon, minus water and excluded VOC, of coating at application is equal to or less than 3.5 pounds. Monitoring frequency shall be monthly.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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



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

Condition 203: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 203.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN
Process: CC2

Item 203.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six minute period from any emission source subject to 6NYCRR Part 228.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation (determining the presence or absence of visible emissions) of all emission points and/or emission sources for the process(es) once per week during weeks the emission unit process(es) operate. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

A visible emissions observation shall not be required on portable paint booths and fugitive sources that have no stacks. Where portable paint booths are used, to manage fugitive emissions, these paint booths will be required to have filters. The filters must be changed on a regular basis and be maintained to ensure compliance. Records will be maintained by the facility indicating when the filters are changed, any malfunctions that occur, and any repairs that are made.

If the instantaneous observation of any visible emissions from the same emission point and/or emission source is 20

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percent or greater for three consecutive observations, then a Method 9 analysis (based on a six minute average) of the affected emission point(s) must be conducted within one business day of such occurrence. The Regional Air Pollution Control Engineer (RAPCE) shall be notified within one business day of performing the Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department.

Documentation shall be maintained, by keeping records as appropriate, to demonstrate compliance. Records of weekly observations shall include detailing the weeks the emission unit process(es) operate, time of day of observation, observer's name, identity of emission point(s), weather conditions observed, an explanation for each week that weather conditions are prohibitive, whether a plume is or is not observed and whether visible emissions of 20 percent or greater are observed, and corrective actions taken. The documentation maintained shall also include records of the Method 9 analyses performed.

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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 204: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.4

Item 204.1:

The Compliance Certification activity will be performed for:



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Emission Unit: T-URBIN

Process: CC2

Item 204.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six minute period from any emission source subject to 6NYCRR Part 228. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 205: Compliance Certification

Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 205.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Process: CC2

Item 205.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating

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used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

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: method 24 40 CFR 60
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 206.1:

This Condition applies to Emission Unit: T-URBIN
Process: CC2

Item 206.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 207: Alternative Analytical Methods
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 207.1:

This Condition applies to Emission Unit: T-URBIN
Process: CC2

Item 207.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Condition 208: samples
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 208.1:

This Condition applies to Emission Unit: T-URBIN
Process: CC2

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Item 208.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 209: prohibition of sale or specification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 209.1:

This Condition applies to Emission Unit: T-URBIN
Process: CC2

Item 209.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 210: certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.6(b)

Item 210.1:

This Condition applies to Emission Unit: T-URBIN
Process: CC2

Item 210.2:

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

Condition 211: Compliance Certification
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable Federal Requirement: 6NYCRR 228.7

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Item 211.1:

The Compliance Certification activity will be performed for:

Emission Unit: T-URBIN

Process: CC2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 211.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Air-dried and forced warm-air dried coatings used for the surface coating of miscellaneous metal parts and products may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: AIR DRIED/FORCED WARM AIR-DRIED COATING - MISCELLANEOUS

METAL PARTS

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

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).



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 212: Contaminant List
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable State Requirement: ECL 19-0301

Item 212.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this

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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000084-74-2

Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000120-80-9

Name: 1,2-BENZENEDIOL

CAS No: 000107-21-1

Name: 1,2-ETHANEDIOL

CAS No: 000085-44-9

Name: 1,3-ISOBENZOFURANDIONE

CAS No: 000123-31-9

Name: 1,4-BENZENEDIOL

CAS No: 000078-59-1

Name: 2-CYCLOHEXEN-1-ONE,3,5,5-TRIMETHYL

CAS No: 000110-49-6

Name: 2-METHOXY-ETHANOL ACETATE

CAS No: 000109-86-4

Name: 2-METHOXYETHANOL

CAS No: 000108-10-1

Name: 2-PENTANONE, 4-METHYL

CAS No: 000079-10-7

Name: 2-PROPENOIC ACID

CAS No: 002807-30-9

Name: 2-PROPOXY ETHANOL

CAS No: 000108-05-4

Name: ACETIC ACID ETHENYL ESTER

CAS No: 000062-53-3

Name: ANILINE

CAS No: 007440-36-0

Name: ANTIMONY

CAS No: 007440-38-2

Name: ARSENIC

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CAS No: 000071-43-2

Name: BENZENE

CAS No: 000098-82-8

Name: BENZENE, (1-METHYLETHYL)

CAS No: 000106-46-7

Name: BENZENE, 1,4-DICHLORO-

CAS No: 000095-47-6

Name: BENZENE,1,2-DIMETHYL

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 000117-81-7

Name: BIS(2-ETHYLHEXYL) PHTHALATE

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007440-48-4

Name: COBALT

CAS No: 000075-09-2

Name: DICHLOROMETHANE

CAS No: 000131-11-3

Name: DIMETHYL PHTHALATE

CAS No: 000071-55-6

Name: ETHANE, 1,1,1-TRICHLORO

CAS No: 000111-42-2

Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-90-0

Name: ETHANOL, 2- (2-ETHOXYETHOXY)

CAS No: 000112-34-5

Name: ETHANOL, 2-(2-BUTOXYETHOXY)-

CAS No: 000078-51-3

Name: ETHANOL, 2-BUTOXY PHOSPHATE



CAS No: 000110-80-5
Name: ETHANOL, 2-ETHOXY-

CAS No: 000122-99-6
Name: ETHANOL, 2-PHENOXY

CAS No: 000100-41-4
Name: ETHYLBENZENE

CAS No: 000096-45-7
Name: ETHYLENE THIOUREA

CAS No: 000050-00-0
Name: FORMALDEHYDE

CAS No: 0NY100-00-0
Name: HAP

CAS No: 000110-54-3
Name: HEXANE

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

CAS No: 007439-92-1
Name: LEAD

CAS No: 007758-97-6
Name: LEAD CHROMATE

CAS No: 007439-96-5
Name: MANGANESE

CAS No: 007439-97-6
Name: MERCURY

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000078-93-3
Name: METHYL ETHYL KETONE

CAS No: 001634-04-4
Name: METHYL TERTBUTYL ETHER

CAS No: 000091-20-3

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Name: NAPHTHALENE

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 000106-89-8

Name: OXIRANE, (CHLOROMETHYL)

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000127-18-4

Name: PERCHLOROETHYLENE

CAS No: 000108-95-2

Name: PHENOL

CAS No: 007723-14-0

Name: PHOSPHORUS (YELLOW)

CAS No: 130498-29-2

Name: POLYCYCLIC AROMATIC HYDROCARBONS

CAS No: 007782-49-2

Name: SELENIUM

CAS No: 000100-42-5

Name: STYRENE

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 000079-01-6

Name: TRICHLOROETHYLENE

CAS No: 0NY998-00-0

Name: VOC

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

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Condition 213: Unavoidable noncompliance and violations
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable State Requirement: 6NYCRR 201-1.4

Item 213.1:

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

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provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 214: Air pollution prohibited
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable State Requirement: 6NYCRR 211.2

Item 214.1:

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.

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

Condition 215: Compliance Demonstration
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable State Requirement: 6NYCRR 227-1.2(a)(2)

Item 215.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS

Process: 67O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 215.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a boiler or combination of boilers (connected to the same emission point) with a maximum heat input exceeding 50 mmBtu per hour but no greater than 250 mmBtu per hour firing oil, other than distillate oil.

Manufacturer Name/Model Number:

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.20 pounds per million Btus



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Reference Test Method: Method 5 / Method 17
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 216: Compliance Demonstration
Effective between the dates of 08/02/2002 and 08/02/2007

Applicable State Requirement: 6NYCRR 227-1.2(a)(2)

Item 216.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS
Process: B5O

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

Item 216.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emission limit for a boiler or combination of
boilers (connected to the same emission point) with a
maximum heat input exceeding 50 mmBtu per hour but no
greater than 250 mmBtu per hour firing oil, other than
distillate oil.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: Method 5 / Method 17
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).