

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 5094200106**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 5-0942-00106/00018  
Effective Date: 07/01/2006 Expiration Date: 06/30/2011

Permit Issued To: SARANAC POWER PARTNERS LP  
302 S. 36TH ST, SUITE 400  
OMAHA, NE 68131

Contact: DAVID LUCAS  
SARANAC POWER PARTNERS  
99 WEED ST EXT PO BOX 2985  
PLATTSBURGH, NY 12901  
(518) 563-1072

Facility: SARANAC POWER PARTNERS COGENERATION FAC  
99 WEED ST EXT  
PLATTSBURGH, NY 12901

**Description:**

Saranac Power Partners Cogeneration facility (Saranac) is a topping cycle cogeneration power plant located in Plattsburgh, New York. Generated electricity is sold exclusively to New York State Electric and Gas (NYSEG) under a power purchase agreement. Thermal energy (steam) is delivered to Georgia-Pacific Corporation (GP) and Pactiv via separate process steam lines. The steam is utilized by "GP" in the manufacture of tissue paper products as well as in a 35 psi facility heating system. Pactiv uses steam in the production of fiber-board type materials. Both steam hosts are provided with thermal energy under the terms and conditions of separate steam sales agreements.

Electricity is generated by two General Electric Frame 7EA natural gas fired combustion turbines each of which exhausts into its own heat recovery steam generating unit (HRSG) and stack (Emission Units 00001 & 00002). Each HRSG has supplemental firing capability with duct burners (Emission Sources 00DB1 & 00DB2). The gas turbines employ dry-low NOx combustion technology and emissions are reduced further by use of selective catalytic reduction units manufactured by Mitsubishi Heavy Industries. Carbon monoxide emissions and volatile organic compounds are reduced by a carbon monoxide catalyst. High pressure steam is exhausted through a General Electric steam turbine for additional power production.

An auxiliary boiler (Emission Unit 00003) is capable of firing on natural gas or propane and is used as an alternative source of steam production when the cogeneration plant is not available. A 1500kw auxiliary generator (Emission Unit 00004) provides power for the auxiliary boiler systems when cogeneration facility power is not available. Following surrender of GP's boiler operating certificates, transfer of ownership (to GP) of the boiler and its associated equipment occurred. Per the steam sales agreement, Saranac continues to operate and maintain the boiler and associated equipment.

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Three additional auxiliary power units are located in the cogeneration facility and each exhausts to the number one stack (Emission Unit 00001). Emission Source (ES) G102 is a 1500kw propane or natural gas-fired generator. ES G103 is a 1500kw emergency diesel generator. ES G104 is a 400kw maintenance diesel generator.

The facility, as a whole, must comply with federally enforceable requirements from 40 CFR 52 (Prevention of Significant Deterioration, or PSD) and 6 NYCRR Parts 200, 201, 202, 211, 215, 225 and 227-3. Emission limits, based upon the PSD review, have been placed on Oxides of Nitrogen (NO<sub>x</sub>), Volatile Organic Compounds (VOC), Particulate Matter (PM), Particulate Matter less than 10 microns in diameter (PM<sub>10</sub>), and Carbon Monoxide (CO) for each affected emission source in this permit. An ammonia emission limit has also been placed on the gas turbine/HRSG exhausts to ensure proper operation of the selective catalytic reduction units being employed for NO<sub>x</sub> control. In addition, the facility must comply with New York State only requirements contained in 6 NYCRR Parts 201, 211, and 221.

The gas turbines (ES Nos. 00GT1 & 00GT2) alone are also regulated under Subpart GG of the federal New Source Performance Standards (NSPS - 40 CFR 60), while their associated duct burners must meet applicable federal requirements from Subpart Da of the NSPS. The auxiliary boiler (ES No. 00AXB) alone is also regulated under Subpart Db of the NSPS. Emission limits contained in these NSPS are less stringent than those imposed under PSD, however, all applicable requirements must still be met. The facility has obtained a variance from the USEPA for the monitoring requirements specified at 40 CFR 60.334(b)(2) for sulfur and nitrogen content in the natural gas supplied via a pipeline and fired in the stationary gas turbines. The variance allows for quarterly, as opposed to daily, monitoring of these parameters. In addition, the source owner has requested a variance from the USEPA for NO<sub>x</sub> limits contained in 40 CFR 60, Subparts GG and Da, which apply to the stationary gas turbine and duct burner exhausts individually. Since it is not feasible to monitor/measure these exhausts individually, the request has been made to establish NO<sub>x</sub> limits for the combined exhaust (which is monitored continuously) that will represent compliance with the individual limits. Combustion sources at the facility must also meet applicable requirements in 6 NYCRR Subparts 227-1 and 227-2.

Finally, note that the previous permit for this facility contained, for each affected emission source, a single limit for PM and PM<sub>10</sub>. Since that permit was issued, NYSDEC policy regarding test methods for measuring PM<sub>10</sub> has changed. The old method (i.e., EPA Method 201) counted filterable PM<sub>10</sub> but did not count condensible particulates. The new method (i.e., EPA Methods 201 and 202 combined) measures both of those contaminants added together. The new permit limits have been adjusted to account for the condensible emissions that have always been there but were not previously being measured. The new permit limits represent the sum of the old limits plus the amount of condensibles normally present in emissions from the types of sources involved. This does not reflect a loosening of the PM<sub>10</sub> limits; just a change in the way PM<sub>10</sub> is measured. The new limits have undergone an air quality impact analysis, and predicted impacts are below USEPA levels of significance.

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.

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Permit Administrator:           WALTER L HAYNES  
                                          DIVISION OF ENVIRONMENTAL PERMITS  
                                          232 GOLF COURSE RD PO BOX 220  
                                          WARRENSBURG, NY 12885-0220

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



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 5  
SUBOFFICE



**DEC GENERAL CONDITIONS**

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

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

**Item 2.1:**

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

**Condition 3: Applications for Permit Renewals 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:**



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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 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;
- 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 5**  
**SUBOFFICE**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 5 Sub-office  
Division of Environmental Permits  
232 Hudson St, PO Box 220  
Warrensburg, NY 12885-0220  
(518) 623-1281



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

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OMAHA, NE 68131

Facility: SARANAC POWER PARTNERS COGENERATION FAC  
99 WEED ST EXT  
PLATTSBURGH, NY 12901

Authorized Activity By Standard Industrial Classification Code:  
4911 - ELECTRIC SERVICES  
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date: 07/01/2006

Permit Expiration Date: 06/30/2011



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 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(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(g): Non Applicable requirements
- 25 6NYCRR 204-2: Authorized Account Representative
- 26 6NYCRR 204-2.1: Submissions to the Department.
- 27 6NYCRR 204-4.1: Contents of reports and compliance certifications.
- 28 6NYCRR 204-4.1: Compliance Certification
- 29 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 30 6NYCRR 204-8.1: General provisions.
- 31 6NYCRR 204-8.1: Prohibitions.
- 32 6NYCRR 204-8.1: Requirements for installation, certification, and data accounting.
- 33 6NYCRR 204-8.3: Out of control periods.
- 34 6NYCRR 204-8.4: Compliance Certification
- 35 6NYCRR 204-8.7: Compliance Certification
- 36 6NYCRR 225-1.8(d): Sampling, compositing, and analysis of fuel samples
- 37 6NYCRR 227-1.3(a): Compliance Certification
- 38 6NYCRR 227-2.6(b): CEMS monitoring, record keeping and reporting

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- requirements..
- 39 40CFR 52.21, Subpart A: Posting of emission limits and operating restrictions
  - 40 40CFR 52.21(j), Subpart A: Compliance Certification
  - 41 40CFR 52.21(j), Subpart A: Compliance Certification
  - 42 40CFR 52.21(j), Subpart A: Compliance Certification
  - 43 40CFR 52.21(j), Subpart A: Compliance Certification
  - 44 40CFR 52.21(j), Subpart A: Compliance Certification
  - 45 40CFR 52.21(j), Subpart A: Compliance Certification
  - 46 40CFR 52.21(j), Subpart A: Compliance Certification
  - 47 40CFR 52.21(j), Subpart A: Compliance Certification
  - 48 40CFR 52.21(j), Subpart A: Compliance Certification
  - 49 40CFR 52.21(j), Subpart A: Compliance Certification
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  - 71 40CFR 52.21(j), Subpart A: Compliance Certification
  - 72 40CFR 52.21(j), Subpart A: Compliance Certification
  - 73 40CFR 52.21(j), Subpart A: Compliance Certification
  - 74 40CFR 52.21(j), Subpart A: Compliance Certification
  - 75 40CFR 52.21(j), Subpart A: Compliance Certification
  - 76 40CFR 52.21(j), Subpart A: Compliance Certification
  - 77 40CFR 52.21(j), Subpart A: Compliance Certification
  - 78 40CFR 52.21(j), Subpart A: Compliance Certification
  - 79 40CFR 52.21(j), Subpart A: Compliance Certification
  - 80 40CFR 52.21(j), Subpart A: Compliance Certification
  - 81 40CFR 52.21(j), Subpart A: Compliance Certification
  - 82 40CFR 52.21(j), Subpart A: Compliance Certification
  - 83 40CFR 52.21(j), Subpart A: Compliance Certification



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- 84 40CFR 52.21(j), Subpart A: Compliance Certification
- 85 40CFR 52.21(j), Subpart A: Compliance Certification
- 86 40CFR 52.21(j), Subpart A: Compliance Certification
- 87 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 88 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 89 40CFR 60.9, NSPS Subpart A: Availability of information.
- 90 40CFR 60.12, NSPS Subpart A: Circumvention.
- 91 40CFR 60.13(i), NSPS Subpart A: Compliance Certification
- 92 40CFR 60.13(i), NSPS Subpart A: Compliance Certification
- 93 40CFR 60.49a, NSPS Subpart Da: Compliance Certification
- 94 40CFR 60.51a(b), NSPS Subpart Da: Compliance Certification
- 95 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
- 96 40CFR 68.10(a), Subpart A: Applicability
- 97 40CFR 68.10(e), Subpart A: Facility no longer meets eligibility

**Emission Unit Level**

- 98 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 99 6NYCRR 201-6: Process Definition By Emission Unit

**EU=U-00001,Proc=3DG**

- 100 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 101 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 102 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 103 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 104 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 105 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 106 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 107 40CFR 52.21(j)(2), Subpart A: Compliance Certification

**EU=U-00001,Proc=4DG**

- 108 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 109 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 110 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 111 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 112 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 113 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 114 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 115 40CFR 52.21(j)(2), Subpart A: Compliance Certification

**EU=U-00001,Proc=GD1**

- 116 40CFR 52.21(j), Subpart A: Compliance Certification
- 117 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 118 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 119 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and  
Maintenance Requirements
- 120 40CFR 60.13, NSPS Subpart A: Monitoring requirements.

**EU=U-00001,Proc=GD1,ES=00DB1**



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- 121 40CFR 60.43a(b)(2), NSPS Subpart Da: Sulfur Dioxide Limit
- 122 40CFR 60.47a(f), NSPS Subpart Da: Minimum Data Requirements

**EU=U-00001,Proc=GT1**

- 123 40CFR 52.21(j), Subpart A: Compliance Certification
- 124 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 125 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 126 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 127 40CFR 60.13, NSPS Subpart A: Monitoring requirements.

**EU=U-00002**

- 128 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 129 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 130 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 131 40CFR 60.13, NSPS Subpart A: Monitoring requirements.

**EU=U-00002,Proc=GD2,ES=00DB2**

- 132 40CFR 60.43a(b)(2), NSPS Subpart Da: Sulfur Dioxide Limit
- 133 40CFR 60.47a(f), NSPS Subpart Da: Minimum Data Requirements

**EU=U-00002,EP=00002**

- 134 40CFR 52.21(j), Subpart A: Compliance Certification

**EU=U-00003**

- 135 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 136 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 137 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 138 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 139 40CFR 60.48b(b), NSPS Subpart Db: Oxides of nitrogen monitoring requirements.
- 140 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification
- 141 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 142 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification

**EU=U-00003,EP=00003**

- 143 40CFR 52.21(j), Subpart A: Compliance Certification
- 144 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 145 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 146 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 147 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 148 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 149 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for



measuring NOx during CEMS downtime

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 150 ECL 19-0301: Contaminant List
- 151 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 152 6NYCRR 211.2: Air pollution prohibited
- 153 6NYCRR 221.2: Asbestos containing surface coatings prohibited
- 154 6NYCRR 237-1.4(a): Applicable Facility, with a unit of a capacity of 25 MWe or greater
- 155 6NYCRR 237-1.6(c): Compliance Demonstration
- 156 6NYCRR 237-1.6(e): Recordkeeping and Reporting Requirements
- 157 6NYCRR 237-1.6(f): Liability- facility no common stacks
- 158 6NYCRR 237-1.6(g): Effect on other Authorities
- 159 6NYCRR 237-2: Authorization and responsibilities of the NOx authorized account representative
- 160 6NYCRR 237-4.1: Compliance Demonstration
- 161 6NYCRR 237-7.1: Submission of NOx allowance transfers
- 162 6NYCRR 237-8: Compliance Demonstration



**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: Acceptable Ambient Air Quality**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 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 2: Fees**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 2.1:**

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

**Condition 3: Recordkeeping and reporting of compliance monitoring**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**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 07/01/2006 and 06/30/2011**

**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 07/01/2006 and 06/30/2011**

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

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

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

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

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- 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.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

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

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

The address for the RAPCE is as follows:

Region 5 Suboffice  
232 Hudson Street  
P.O. Box 220  
Warrensburg, NY 12885-0220

The address for the BCME is as follows:

NYSDEC  
Bureau of Compliance Monitoring



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and Enforcement  
50 Wolf Road  
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2007.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 8.1:**

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

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires Prohibited at Industrial and Commercial Sites**



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**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 9.1:**

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**

**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 10: Maintenance of Equipment**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 10.1:**

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 11: Recycling and Salvage**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 11.1:**

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 12: Prohibition of Reintroduction of Collected Contaminants to  
the air**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 12.1:**

No person shall remove, handle or cause to be handled, collected air contaminants from an air cleaning



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device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 13: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 13.1:**

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 14: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 14.1:**

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 15: Standard Requirement - Provide Information**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 15.1:**

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 16: General Condition - Right to Inspect**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 16.1:**

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 17: Standard Requirements - Progress Reports  
Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 17.1:**

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 18: Off Permit Changes  
Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 18.1:**

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



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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 19: Required Emissions Tests**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 19.1:**

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

**Condition 20: Visible Emissions Limited**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 20.1:**

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 21: Accidental release provisions.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 68**

**Item 21.1:**

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;

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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 22: Recycling and Emissions Reduction**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 22.1:**

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

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

**Condition 23: Emission Unit Definition**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 23.1:**

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

Emission Unit: U-00001

Emission Unit Description:

This emission unit consists of one emission point (EP #00001) through which seven emission sources are exhausted. Gas turbine #1 (ES 00GT1), duct burner #1 (ES 00DB1), standby generator (ES G102), emergency generator (G103) and maintenance generator (G104) all exhaust out of building B1's west stack (EP #00001). The remaining two emission sources (ES's 0SCR1 and 0COC1, actually air



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pollution control devices) control emissions of NO<sub>x</sub>, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only. The standby generator may fire natural gas or LPG. The emergency and maintenance generators fire diesel fuel only.

Building(s): B1

**Item 23.2:**

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit consists of one emission point (EP #00002). Gas turbine #2 (ES 00GT2) and duct burner #2 (ES 00DB2) exhaust out of building B1's east stack (EP #00002). A selective catalytic reduction unit (ES 0SCR2) and a catalytic oxidation device (es 0COC2) control emissions of NO<sub>x</sub>, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only.

Building(s): B1

**Item 23.3:**

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit is a D-tube boiler. The boiler can burn either natural gas or LPG. Steam from the boiler is sent to Georgia-Pacific when the gas turbines are not operating.

Building(s): B2

**Item 23.4:**

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit is a 1500 kw standby generator that can burn either natural gas or LPG. This generator generates electricity for use in building B2 when the gas turbines are not operating.

Building(s): B2

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**Condition 24: Non Applicable requirements**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 24.1:**

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.

**Condition 25: Authorized Account Representative**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-2**

**Item 25.1:**

(1) Except where an alternate NOx authorized account representative has been appointed as provided under 6 NYCRR 204-2.2, each NOx budget source, including all NOx budget units at the source, shall have one and only one NOx authorized account representative, with regard to all matters under the NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) Each submission under the NOx Budget Trading Program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make the submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

**Condition 26: Submissions to the Department.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-2.1**

**Item 26.1:** Each submission under the NOx Budget Trading Program shall be submitted, signed and certified by the NOx authorized account representative for each NOx Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph 204-2.4(a)(4)) by the NOx authorized account representative.

**Condition 27: Contents of reports and compliance certifications.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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**Applicable Federal Requirement: 6NYCRR 204-4.1**

**Item 27.1:** The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

(1) Identification of each NOx Budget unit; and

(2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:

- (i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
- (ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
- (iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
- (iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
- (v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

**Condition 28: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-4.1**

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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For each control period in which one or more NO<sub>x</sub> Budget units at a source are subject to the NO<sub>x</sub> Budget emissions limitation, the NO<sub>x</sub> authorized account representative of the source shall submit to the Department and the Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 29: Submission of NO<sub>x</sub> allowance transfers.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-7.1**

**Item 29.1:** The NO<sub>x</sub> authorized account representatives seeking recordation of a NO<sub>x</sub> allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NO<sub>x</sub> allowance transfer shall include the following elements in a format specified by the Administrator:

- (a) The numbers identifying both the transferor and transferee accounts;
- (b) A specification by serial number of each NO<sub>x</sub> allowance to be transferred; and
- (c) The printed name and signature of the NO<sub>x</sub> authorized account representative of the transferor account and the date signed.

**Condition 30: General provisions.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.1**

**Item 30.1:** The owners and operators, and to the extent applicable, the NO<sub>x</sub> authorized account representative of a NO<sub>x</sub> Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NO<sub>x</sub> Budget unit," "NO<sub>x</sub> authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

**Condition 31: Prohibitions.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.1**

**Item 31.1:** No owner or operator of a NO<sub>x</sub> Budget unit or a non-NO<sub>x</sub> Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:



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(1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;

(2) operate the unit so as to discharge, or allow to be discharged, NO<sub>x</sub> emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74;

(3) disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NO<sub>x</sub> mass emissions discharged into the atmosphere, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and

(4) permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system under this Subpart, except under any one of the following circumstances:

(i) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the Department for use at that unit that provides emission data for the same pollutant or parameter as the discontinued monitoring system; or

(ii) The NO<sub>x</sub> authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

**Condition 32: Requirements for installation, certification, and data accounting.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.1**

**Item 32.1:** The owner or operator of each NO<sub>x</sub> Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NO<sub>x</sub> Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

(1) Install all monitoring systems required under this Subpart for monitoring NO<sub>x</sub> mass. This includes all systems required to monitor NO<sub>x</sub> emission rate, NO<sub>x</sub> concentration, heat input, and air or fuel flow, in accordance with 40 CFR 75.71 and 75.72.

(2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NO<sub>x</sub> allowance allocations.

(3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.

(4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

**Condition 33: Out of control periods.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.3**



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**Item 33.1:** Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

**Condition 34: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.4**

**Item 34.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 34.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Authorized Account Representative for a NO<sub>x</sub> Budget unit shall submit written notice to the Department and the USEPA Administrator in accordance with the requirements of this subpart as follows:

All monitoring plans or monitoring plan modifications; compliance certifications, recertifications and quarterly QA/QC reports; and, petitions for alternative monitoring, shall be submitted to the USEPA Administrator (or his/her representatives) as well as two copies to the Department (one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

All quarterly emission data shall be electronically filed with the USEPA Clean Air Markets Division with a copy (disc or hard copy) to the NYSDEC offices.

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division  
1200 Pennsylvania Avenue, NW  
Mail Code 6204J  
Washington D.C. 20460

CEM Coordinator  
USEPA-Region 2



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2890 Woodbridge Avenue  
Edison, N.J. 08837

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

AAR changes should be sent to the attention of:

NYSDEC  
Stationary Source Planning Section  
Bureau of Air Quality Planning  
625 Broadway, 2nd Floor  
Albany NY 12233-3251

The address for the RAPCE is as follows:

Region 5 Suboffice  
Hudson Street Extension  
P.O. Box 220  
Warrensburg, NY 12885

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 35: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 204-8.7**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a unit that elects to monitor  
and report NO<sub>x</sub> Mass emissions using a NO<sub>x</sub> concentration  
system and a flow system shall also monitor and report  
heat input at the unit level using the procedures set

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forth in 40 CFR Part 75.

Monitoring Frequency: HOURLY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 36: Sampling, compositing, and analysis of fuel samples  
Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 36.1:**

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

**Condition 37: Compliance Certification  
Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

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

**Item 37.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block 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.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for



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visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- weather condition
- was a plume observed?

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

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2007.

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

**Condition 38: CEMS monitoring, record keeping and reporting requirements..**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 6NYCRR 227-2.6(b)**

**Item 38.1:**

This facility is subject to the applicable requirements of this subdivision:, specifically paragraphs 227-2.6(b)3 and 227-2.6(b)4. The firm shall submit a quarterly written CEMS report for every calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter. These quarterly audit reports shall follow the guidance provided by the Department ( draft Air Guide 34) and 40 CFR Appendix F.

**Condition 39: Posting of emission limits and operating restrictions**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 39.1:**

A summary of the emission limits and operating restrictions of this permit must be posted in the control room of the facility and must be plainly visible (without obstructions) to the operator of the facility.

**Condition 40: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 40.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003 Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

CAS No: 0NY075-00-0 PARTICULATES

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of particulate matter and VOC from this source are limited to no more than 0.0045 pounds per million



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Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Reference Test Method: USEPA Method 5 (particulates) & 25A (VOC)  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 41: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 41.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001  
Process: 2LP

Emission Unit: U-00004    Emission Point: 00007  
Process: 1LP

Regulated Contaminant(s):  
CAS No: 0NY075-00-5    PM-10

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0550 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.10 pounds per hour when burning LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.



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Parameter Monitored: PM-10  
Upper Permit Limit: 1.10 pounds per hour  
Reference Test Method: EPA Metho 201A & 202  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 42: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 42.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004 Emission Point: 00007

Regulated Contaminant(s):

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

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 0.3590 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.00 pounds per hour when firing Natural Gas or LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.00 pounds per hour

Reference Test Method: EPA Method 7, 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT



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Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 43: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 43.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002 Emission Point: 00002

Emission Unit: U-00001

Process: GD1

Emission Unit: U-00001

Process: GT1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the gas turbine/HRSG units. CO emission rate is limited to no more than 3 parts per million by volume (dry, corrected to 15% O<sub>2</sub>). An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operational except during periods of normal start-up or shut-down (not to exceed 6 hours per occurrence), is used to control CO emissions to the required level.

This limit does not apply during periods of SU/SD (for periods not to exceed 3 hrs) of the gas turbines when the SU/SD mass emission limit (29.4 lb/hr) is not exceeded.

Manufacturer Name/Model Number: Siemens Ultramat 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)



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Reference Test Method: 40 CFR 60, App B & F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 44.1:**

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

Emission Unit: U-00001  
Process: 2LP

Emission Unit: U-00001  
Process: 2NG

Emission Unit: U-00004    Emission Point: 00007

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

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC's) from this source are limited to no more than 0.1440 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 2.80 pounds per hour when firing Natural Gas or LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: VOC  
Upper Permit Limit: 2.80 pounds per hour



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Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 45: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 45.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of the emergency diesel generator (0G103) and the maintenance generator (0G104) are each limited to 2190 hours per year on daily rolling basis. A daily record of the number of hours that this process operated per day, and for the last 365 days, shall be maintained on-site.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 46: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 46.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



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Emission Unit: U-00004    Emission Point: 00007  
Process: 1NG

Emission Unit: U-00001  
Process: 2NG

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 particulate matter from this source are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas.

Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.25 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 47: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 47.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001  
Process: GD1                      Emission Source: 00DB1

Emission Unit: U-00002  
Process: GD2                      Emission Source: 00DB2



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Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 4.15 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 4.15 pounds per hour

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 48: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 48.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004 Emission Point: 00007

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00001

Process: 2NG

Regulated Contaminant(s):

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

**Item 48.2:**

Compliance Certification shall include the following monitoring:

**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 0.3590 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.00 pounds per hour when firing Natural Gas or LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.3590 pounds per million Btus

Reference Test Method: EPA Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 49: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 49.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The auxiliary boiler (ES No. 00AXB) may fire up to 62.2 million Btu's per hour when operated simultaneously with one turbine and one duct burner. The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it



**New York State Department of Environmental Conservation**

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happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 50: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 50.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.80 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0573 pounds per million Btus



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**Facility DEC ID: 5094200106**

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 51: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 51.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1                      Emission Source: 00DB1

Emission Unit: U-00003      Emission Point: 00003

Emission Unit: U-00002

Process: GD2                      Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY075-00-5      PM-10

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 4.15 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0075 pounds per million Btus

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Condition 52: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 52.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1                      Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1                      Emission Source: 00GT1

Emission Unit: U-00002      Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0      PARTICULATES

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 7.00 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0062 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 53: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 53.1:**



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001    Emission Point: 00001  
Process: GD1                Emission Source: 00DB1

Emission Unit: U-00002    Emission Point: 00002  
Process: GD2                Emission Source: 00DB2

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

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen (NO<sub>x</sub>) from this source are limited to no more than 0.0800 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 44.40 pounds per hour. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control NO<sub>x</sub> emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 44.40 pounds per hour

Reference Test Method: EPA Method 7, 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 54: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 54.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Emission Unit: U-00001  
Process: 3DG

Emission Unit: U-00001  
Process: 4DG

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

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0470 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 55: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 55.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001  
Process: GD1                      Emission Source: 00DB1

Emission Unit: U-00002  
Process: GD2                      Emission Source: 00DB2



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**Facility DEC ID: 5094200106**

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 3.30 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3.30 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 56: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 56.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0110 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 6.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 0.0110 pounds per million Btus

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 57: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 57.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002    Emission Point: 00002  
Process: GD2                Emission Source: 00DB2

Emission Unit: U-00001    Emission Point: 00001  
Process: GD1                Emission Source: 00DB1

Regulated Contaminant(s):

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

**Item 57.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen (NO<sub>x</sub>) from this source are limited to no more than 0.0800 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 44.40 pounds per hour. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control NO<sub>x</sub> emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.0800 pounds per million Btus

Reference Test Method: EPA Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 58: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 58.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004 Emission Point: 00007

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 58.2:**

Compliance Certification shall include the following monitoring:



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC's) from this source are limited to no more than 0.1440 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 2.80 pounds per hour when firing Natural Gas or LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: VOC

Upper Permit Limit: 0.1440 pounds per million Btus

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 59: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 59.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0027 pounds per million Btu's of heat input (based upon the higher heating value of the



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fuel burned) and 1.50 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0027 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 60: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 60.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00004 Emission Point: 00007

Process: 1LP

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 60.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0550 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.10 pounds per hour when burning LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.



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Parameter Monitored: PM-10  
Upper Permit Limit: 0.0550 pounds per million Btus  
Reference Test Method: EPA Method 201A & 202  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 61: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 61.1:**

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

Emission Unit: U-00001  
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007  
Process: 1NG

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PM-10  
Upper Permit Limit: 0.0130 pounds per million Btus  
Reference Test Method: EPA Method 210A & 202  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 62: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 62.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1                      Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1                      Emission Source: 00GT1

Emission Unit: U-00002      Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0      PARTICULATES

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 7.00 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 7.00 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 63: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 63.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002    Emission Point: 00002

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The combustion turbines may not operate out of Pre-Mix Mode except during periods of malfunction or startup and shutdown (not to exceed 6 hours per occurrence). Variances from this requirement shall be kept on-site for a period of at least five years.

In the Pre-Mix Mode, fuel is flowing to both the primary and secondary nozzles while the flame is in the secondary stage only.

Monitoring Frequency: CONTINUOUS

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 64: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 64.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 15.20 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 15.20 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 65: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 65.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 65.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content of the fuel oil burned at the facility shall not exceed 0.30 percent by weight. Source owner shall obtain from vendor a certificate of analysis with each delivery to document compliance with this requirement. If vendor certification cannot be obtained, fuel oil analyses must be conducted following each delivery to verify that the sulfur content does not exceed 0.30 percent by weight. Vendor certification and/or result of analyses of individual deliveries shall be kept on-site for a period of at least 5 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 66: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 66.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002 Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0045 pounds per

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million Btu's of heat input (based upon the higher heating value of the fuel burned) and 5.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 5.00 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 67: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 67.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002 Emission Point: 00002

Emission Unit: U-00001

Process: GD1

Emission Unit: U-00001

Process: GT1

Regulated Contaminant(s):

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

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NO<sub>x</sub> from the combined gas turbine and HRSG exhaust. The associated selective catalytic reduction unit, which must be operated

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at all times that the gas turbine or gas turbine/duct burner combination is operational except during periods of normal start-up or shut-down (not to exceed six hours per occurrence), is used to control NO<sub>x</sub> emissions to the required limit of 9 ppm (by volume, dry, corrected to 15% oxygen). This limit, which is based upon a PSD BACT analysis and converts to approximately 0.033 pounds per million Btu's of heat input, is more stringent than the standard set forth in either 40 CFR 60, Subpart Da (0.2 pounds per million Btu) or 40 CFR 60, Subpart GG (.0075% or 75 ppm, by volume, dry, corrected to 15% oxygen, or approximately 0.28 pounds per million Btu) for NO<sub>x</sub> emissions from the duct burner or the gas turbine, respectively. The associated duct burner will only be operated when the corresponding Gas Turbine is operating. Compliance with this combined limit will, therefore, assure compliance with the Subpart Da and Subpart GG limits for NO<sub>x</sub>.

This condition does not apply during periods of SU (not to exceed 6 hrs) and SD (not to exceed 3 hrs) of the gas turbines.

Manufacturer Name/Model Number: Rosemount #951C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60, App B & F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 68: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 68.1:**

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

Emission Unit: U-00001

Emission Unit: U-00002



Emission Unit: U-00003

Emission Unit: U-00004

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A) The stand-by generator (ES0G102), emergency generator (ES0G103), and maintenance generator

(ES0G104) may not be operated when either one or both gas turbines are operating, except during periods of normal start-up or shut down (not to exceed more than six hours per occurrence) and except during periods of normal testing and maintenance operation (not to exceed more than one hour per week). The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

B) When the auxiliary boiler (ES 00AXB) and its dedicated standby generator (ES No. 0G101) are not operating, the two turbines (ES Nos. 00GT1 and 00GT2) may operate at base load with their duct burners (ES Nos. 00DB1 and 00DB2) at a firing rate of up to 221 million Btu's per hour or one turbine may operate with the duct burner firing at a rate of up to 553 million Btu's per hour. When the auxiliary boiler and its

dedicated standby generator are operating, duct burner firing rates are limited to less than 50 million Btu's per hour each. The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date

of occurrence and provided to NYSDEC or USEPA representative upon request.

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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 1/30/2007.

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

**Condition 69: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 69.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002 Emission Point: 00002

Emission Unit: U-00001  
Process: GD1

Emission Unit: U-00001  
Process: GT1

Regulated Contaminant(s):  
CAS No: 007664-41-7 AMMONIA

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Ammonia from this source are limited to no more than 10 ppm (by volume, dry, corrected to 15% oxygen). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per billion by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Draft EPA Method 206

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 70: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 70.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies only during the first 3 hrs of a  
SU/SD period.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29.4 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 71: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 71.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1



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Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 71.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 15.20 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Upper Permit Limit: 0.0135 pounds per million Btus

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 72: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 72.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004

Emission Point: 00007

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10



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**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PM-10

Upper Permit Limit: 0.25 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 73: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 73.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004 Emission Point: 00007

Process: 1LP

Emission Unit: U-00001 Emission Point: 00001

Process: 2LP

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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Emissions of Carbon Monoxide from this source are limited to no more than 0.6900 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 11.35 pounds per hour when firing LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 0.6900 pounds per million Btus  
Reference Test Method: EPA Method 10  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 74: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 74.1:**

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

Emission Unit: U-00001  
Process: GT1

Emission Unit: U-00002  
Process: GT2

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

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
This condition applies only during the first 3 hrs of a  
SU/SD period.

Manufacturer Name/Model Number: Rosemount #951C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 60 parts per million by volume (dry,



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corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 75: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 75.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 3.30 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE



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Upper Permit Limit: 0.0060 pounds per million Btus  
Reference Test Method: EPA Method 10  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 76: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 76.1:**

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

Emission Unit: U-00001  
Process: GD1                      Emission Source: 00GT1

Emission Unit: U-00001  
Process: GT1                      Emission Source: 00GT1

Emission Unit: U-00002      Emission Point: 00002

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

**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 5.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC  
Upper Permit Limit: 0.0045 pounds per million Btus



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Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 77: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 77.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0110 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 6.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 6.00 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE



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**Condition 78: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 78.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: 00001  
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007  
Process: 1NG

Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this source are limited to no more than 0.4300 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.46 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.46 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 79: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

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**Item 79.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

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

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the last 3 hrs of a 6  
hr SU period.

Manufacturer Name/Model Number: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per million by volume (dry,  
corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 80: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 80.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004 Emission Point: 00007

Process: 1NG

Emission Unit: U-00001 Emission Point: 00001



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Process: 2NG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 80.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this source are limited to no more than 0.4300 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.46 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.4300 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 81: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 81.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00004 Emission Point: 00007

Process: 1LP

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 81.2:**



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Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0550 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.10 pounds per hour when burning LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0550 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 82: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 82.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00004 Emission Point: 00007  
Process: 1LP

Emission Unit: U-00001 Emission Point: 00001  
Process: 2LP

Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this source are limited to no more than 0.6900 pounds per million Btu's of heat



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input (based upon the higher heating value of the fuel burned) and 11.35 pounds per hour when firing LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 11.35 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 83: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 83.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

**Item 83.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner shall maintain a file of all measurements, including CEM system performance evaluations; all CEM systems or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required under 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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**DESCRIPTION**

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 84: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 84.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 84.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0027 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 1.50 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 1.50 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 85: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 85.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2LP

Emission Unit: U-00004 Emission Point: 00007

Process: 1LP

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 85.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0550 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.10 pounds per hour when burning LPG. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 1.10 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 86: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 86.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

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Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004 Emission Point: 00007

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 86.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas.

Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 within a stated time. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0130 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 87: Minimum requirements.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(1), Subpart A**

**Item 87.1:**

The affected facility shall, at a minimum, meet each applicable emission limitation under the State Implementation Plan and each applicable emissions standard and standard of performance under Parts 40 CFR 60 and 61.

**Condition 88: EPA Region 2 address.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

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**Item 88.1:**

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

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

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

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

**Condition 89: Availability of information.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 89.1:**

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

**Condition 90: Circumvention.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 90.1:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 91: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13(i), NSPS Subpart A**



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**Item 91.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

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

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pending approval by the USEPA of the source owner's request for waiver, dated October 18, 1999, source owner will use an alternate monitoring strategy to assess compliance with the NO<sub>x</sub> limit set forth in 40 CFR 60, Subpart GG for the Gas Turbines when operated alone (i.e., without supplemental duct burner firing). Since the combined Gas Turbine/Duct Burner exhausts are measured by Continuous Emissions Monitoring Systems (CEM), the Subpart GG limit of 75ppmv (dry, corrected to 15% Oxygen) shall be used when the duct burners are not being fired.

For excess emissions reporting, the gas turbine (when operating alone) will be in compliance with the Subpart GG NO<sub>x</sub> standard when the CEM records emissions below 75 ppmv (dry, corrected to 15% Oxygen). Source owner shall submit NO<sub>x</sub> excess emission and monitoring system performance reports in lieu of water-to-fuel ratio reports. The reports shall be in a summary report form, and/or excess emission reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A and GG (except information related to water-to-fuel ratio). The NO<sub>x</sub> CEM is subject to reporting requirements described in Section 60.7(c).

This provision in no way precludes the source owner from their requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NO<sub>x</sub> of 9 ppmv (dry, corrected to 15% Oxygen) as set forth elsewhere in this permit.



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Manufacturer Name/Model Number: Rosemount #951C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 75 parts per million by volume (dry,  
corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60, App's B & F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 92: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13(i), NSPS Subpart A**

**Item 92.1:**

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

Emission Unit: U-00001  
Process: GD1

Emission Unit: U-00002  
Process: GD2

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

**Item 92.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pending approval by the USEPA of the source owner's request for waiver, dated October 18, 1999, source owner will use an alternate monitoring strategy to assess compliance with the NO<sub>x</sub> limits set forth in 40 CFR 60, Subparts Da and GG for the Duct Burners and Gas Turbines. Since it is physically impossible to measure controlled NO<sub>x</sub> emissions from these sources individually (when both gas turbine and duct burner are operating), a combined emission limit which demonstrates compliance with both limits, and is measured by a Continuous Emissions Monitoring System (CEM), will be used. The Subpart Da limit of 0.2 pounds per million Btu of heat input, which



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is more stringent than the Subpart GG limit of 75ppm (or approximately 0.28 pounds per million Btu of heat input), shall be the combined limit. Since these emission sources burn natural gas exclusively, this combined limit converts to 54 ppmv (dry, corrected to 15% Oxygen) per Equation 19-1, Table 19-1 and Conversion Factors for Concentration in USEPA Method 19 (40 CFR 60, Appendix A).

For excess emissions reporting, these emission sources will be in compliance with their respective NSPS NOx standards when the CEM records combined (gas turbine and duct burner) emissions below 54 ppmv (dry, corrected to 15% Oxygen). For each gas turbine, source owner shall submit NOx excess emission and monitoring system performance reports in lieu of water-to-fuel ratio reports. Reports shall include separate heat input values for both the duct burner and gas turbine when exceedences occur. The reports shall be in a summary report form, and/or excess emission reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A, Da and GG (except information related to water-to-fuel ratio). The NOx CEM is subject to reporting requirements described in Section 60.7(c).

This provision in no way precludes the source owner from their requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NOx of 9 ppmv (dry, corrected to 15% Oxygen) as set forth elsewhere in this permit.

Manufacturer Name/Model Number: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 54 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60, App's B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 93: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.49a, NSPS Subpart Da**



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**Item 93.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

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

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Duct Burners shall not be operated unless the corresponding Gas Turbine is being operated. Then, compliance with the combined Gas Turbine/duct burner NOx limit of 9ppm (by volume, dry, corrected to 15% oxygen) will assure compliance with the 0.2 pounds per million Btu limit for the Duct Burner. A record shall be maintained to document the dates and times of operation for both the Duct Burner and corresponding Gas Turbine.

Monitoring Frequency: DAILY

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 94: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.51a(b), NSPS Subpart Da**

**Item 94.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Unit: U-00002

Process: GD2

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Regulated Contaminant(s):

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

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following information for nitrogen oxides shall be reported to the Administrator for each 24 hour period:

1. Calendar date.
2. Average NO<sub>x</sub> emission rate for each 30 successive boiler operating days ending with the last 30 day period in the quarter. These reports shall include reasons for non-compliance and corrective actions taken.
3. Identification of boiler operating days which pollutant or diluent data were not obtained by an approved method for at least 18 hours of operation and the justification for such action and corrective actions taken.
4. Identification of times when emissions data have been excluded from the calculation of average emission rate because of startup, shutdown, malfunctions, or any other reasons.
5. F-factor used for calculations, method of determination, and fuel type combusted.
6. Times when hourly averages have been obtained based on manual sampling methods.
7. Times when pollutant concentration exceeded full span of continuous monitoring system.
8. Description of any modifications to the continuous monitoring system which could affect the ability of the continuous monitoring system to comply with Performance Specifications 2 or 3.

Monitoring Frequency: CONTINUOUS

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 95: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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**Applicable Federal Requirement: 40CFR 60.334(h), NSPS Subpart GG**

**Item 95.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 95.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility obtained a variance from the USEPA for the monitoring requirements specified in 40CFR60.334(h) for sulfur and nitrogen content in natural gas supplied via a pipeline and fired in the stationary gas turbines. A custom schedule was approved by the USEPA on 9/23/94 as follows:

- A. Analytical methods and procedures for analyzing fuel nitrogen and sulfur content shall be chosen in accordance with 40 CFR 60.335
- B. For the first six months after the receipt of this letter, fuel nitrogen and sulfur content monitoring shall be conducted bimonthly. If the fuel nitrogen and sulfur content monitoring results show little variability and consistent compliance with 40 CFR 60.332 and 40 CFR 60.333 respectively, then fuel nitrogen and sulfur content shall be monitored quarterly.
- C. Should any fuel nitrogen or sulfur monitoring, as required by Item B indicate noncompliance with 40 CFR 60.332 or 40 CFR 60.333, the owner or operator shall notify EPA and the New York State Department of Environmental Conservation (NYSDEC) with 15 calendar days

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of the occurrence(s). Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period while the custom schedule is being re-examined by EPA.

D. If there is a change in fuel supply, NYSDEC and EPA will be notified and the custom schedule will be re-examined by EPA. A substantial change in fuel quality shall be considered as a change in fuel supply. Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period when the custom schedule is being re-examined.

E. Records of fuel analysis and fuel supply pertinent to this custom fuel monitoring schedule shall be retained for a period of 3 years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.

In addition to monitoring the nitrogen content of the fuel, the facility utilizes a continuous emissions monitoring system (CEMS) to monitor NO<sub>x</sub> emissions from the gas turbine/heat recovery steam generator systems.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NATURAL GAS  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.8 percent by weight  
Reference Test Method: See 40CFR60.335  
Monitoring Frequency: QUARTERLY  
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 96: Applicability**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 96.1:**

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

**(1) June 21, 1999;**



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(2) Three years after the date on which a regulated substance is first listed under §68.130; or

(3) The date on which a regulated substance is first present above a threshold quantity in a process.

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

**Condition 97: Facility no longer meets eligibility**  
Effective between the dates of 07/01/2006 and 06/30/2011

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

**Item 97.1:**

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

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

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

**Condition 98: Emission Point Definition By Emission Unit**  
Effective between the dates of 07/01/2006 and 06/30/2011

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

**Item 98.1:**

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 160

Diameter (in.): 192

NYTMN (km.): 4948.522 NYTME (km.): 621.03 Building: B1

**Item 98.2:**

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 160

Diameter (in.): 192



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NYTMN (km.): 4948.522 NYTME (km.): 621.03 Building: B1

**Item 98.3:**

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 120

Diameter (in.): 60

NYTMN (km.): 4948.522 NYTME (km.): 621.03 Building: B2

**Item 98.4:**

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

Emission Unit: U-00004

Emission Point: 00007

Height (ft.): 120

Diameter (in.): 20

NYTMN (km.): 4948.522 NYTME (km.): 621.03 Building: B2

**Condition 99: Process Definition By Emission Unit**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 99.1:**

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

Emission Unit: U-00001

Process: 2LP

Source Classification Code: 2-02-010-02

Process Description:

1500 kw standby generator which burns LPG to provide electricity to building B1 during gas turbine startups and shutdowns.

Emission Source/Control: 0G102 - Combustion

Design Capacity: 1,500 kilowatts

**Item 99.2:**

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

Emission Unit: U-00001

Process: 2NG

Source Classification Code: 2-02-002-02

Process Description:

1500 kw standby generator which burns natural gas to provide electricity to building B1 during gas turbine startups and shutdowns.



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Emission Source/Control: 0G102 - Combustion  
Design Capacity: 1,500 kilowatts

**Item 99.3:**

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

Emission Unit: U-00001

Process: 3DG

Source Classification Code: 2-02-001-02

Process Description:

1500 kw emergency diesel generator that generates electricity for use in building B1 during gas turbine startups and shutdowns. This generator burns distillate fuel oil #2.

Emission Source/Control: 0G103 - Combustion  
Design Capacity: 1,500 kilowatts

**Item 99.4:**

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

Emission Unit: U-00001

Process: 4DG

Source Classification Code: 2-02-001-02

Process Description:

400 kw maintenance generator burns #2 distillate fuel oil. Provides electrical power to building B1 during gas turbine shutdowns and startups.

Emission Source/Control: 0G104 - Combustion  
Design Capacity: 400 kilowatts

**Item 99.5:**

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

Emission Unit: U-00001

Process: GD1

Source Classification Code: 2-02-002-03

Process Description:

GE Frame 7 gas turbine/hrsg unit with supplemental firing of duct burner. Both units fire natural gas.

Emission Source/Control: 00DB1 - Combustion  
Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT1 - Combustion  
Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control



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Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR1 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 99.6:**

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

Emission Unit: U-00001

Process: GT1

Source Classification Code: 2-02-002-03

Process Description:

GE Frame 7 gas turbine/hrsg unit with no supplemental firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT1 - Combustion

Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR1 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 99.7:**

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

Emission Unit: U-00002

Process: GD2

Source Classification Code: 2-02-002-03

Process Description:

GE Frame 7 gas turbine/hrsg unit with supplemental firing of duct burner. Both units fire natural gas.

Emission Source/Control: 00DB2 - Combustion

Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT2 - Combustion

Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 99.8:**

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



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Emission Unit: U-00002

Process: GT2

Source Classification Code: 2-02-002-03

Process Description:

GE Frame 7 gas turbine/hrsg unit with no supplemental firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT2 - Combustion

Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 99.9:**

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

Emission Unit: U-00003

Process: AXL

Source Classification Code: 1-02-010-01

Process Description:

Auxiliary boiler burns LPG to generate steam for Georgia-Pacific when the gas turbines are not operating.

Emission Source/Control: 00AXB - Combustion

Design Capacity: 226 million Btu per hour

**Item 99.10:**

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

Emission Unit: U-00003

Process: AXN

Source Classification Code: 1-02-006-01

Process Description:

Auxiliary boiler burns natural gas to generate steam for Georgia-Pacific when the gas turbines are not operating.

Emission Source/Control: 00AXB - Combustion

Design Capacity: 226 million Btu per hour

**Item 99.11:**

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

Emission Unit: U-00004

Process: 1LP

Source Classification Code: 2-02-010-02

Process Description:

1500 kw standby generator which burns LPG to provide electricity to building B2 during gas turbine startup and



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shutdown.

Emission Source/Control: 0G101 - Combustion

Design Capacity: 1,500 kilowatts

**Item 99.12:**

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

Emission Unit: U-00004

Process: 1NG

Source Classification Code: 2-02-002-02

Process Description:

1500 kw standby generator which burns natural gas to provide electricity to building B2 during gas turbine startup and shutdown.

Emission Source/Control: 0G101 - Combustion

Design Capacity: 1,500 kilowatts

**Condition 100: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 100.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 100.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.1080 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.59 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC



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Upper Permit Limit: 0.1080 pounds per million Btus  
Reference Test Method: EPA METHOD 25A  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 101: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 101.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: 3DG

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

**Item 101.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.69 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.69 pounds per hour  
Reference Test Method: USEPA Method 5  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 102: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 102.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

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

**Item 102.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 2.6400 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 44.05 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.64 pounds per million Btus

Reference Test Method: EPA METHOD 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 103: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 103.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 103.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Monitoring Description:**

Emissions of Carbon Monoxide from this source are limited to no more than 1.7600 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 25.90 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 25.90 pounds per hour

Reference Test Method: EPA METHOD 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 104: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 104.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 104.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.80 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10



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**Facility DEC ID: 5094200106**

Upper Permit Limit: 0.80 pounds per hour  
Reference Test Method: EPA Meth 201A & 202  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 105: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 105.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: 3DG

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

**Item 105.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 2.6400 pounds per million Btu's (based upon higher heating value of the fuel burned) and 44.05 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 44.05 pounds per hour  
Reference Test Method: EPA METHOD 7, 7E  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 106: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 106.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 106.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.1080 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.59 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 1.59 pounds per hour

Reference Test Method: EPA METHOD 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 107: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 107.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 107.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Monitoring Description:**

Emissions of Carbon Monoxide from this source are limited to no more than 1.7600 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 25.90 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.7600 pounds per million Btus

Reference Test Method: EPA METHOD 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 108: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 108.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 108.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds from this source are limited to no more than 0.0350 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.17 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 0.17 pounds per hour



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Reference Test Method: EPA METHOD 25A  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 109: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 109.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: 4DG

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

**Item 109.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds from this source are limited to no more than 0.0350 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.17 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC  
Upper Permit Limit: 0.0350 pounds per million Btus  
Reference Test Method: EPA METHOD 25A  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 110: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 110.1:**

The Compliance Certification activity will be performed for:

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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**



Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 110.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.28 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.28 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 111: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 111.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 111.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

**Monitoring Description:**

Emissions of particulate matter from this source are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.23 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.23 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 112: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 112.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

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

**Item 112.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 2.9100 pounds per million Btu's of heat input (based upon higher heating value of the fuel) and 14.30 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 14.30 pounds per hour



**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**

Reference Test Method: EPA METHOD 7, 7E  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 113: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 113.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: 4DG

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

**Item 113.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this source are limited to no more than 2.9100 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 14.30 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 2.9100 pounds per million Btus  
Reference Test Method: EPA METHOD 7, 7E, 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 114: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 114.1:**

The Compliance Certification activity will be performed for:

**New York State Department of Environmental Conservation**

**Permit ID: 5-0942-00106/00018**

**Facility DEC ID: 5094200106**



Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 114.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this source are limited to no more than 1.5700 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.61 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.57 pounds per million Btus

Reference Test Method: EPA METHOD 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 115: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 115.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 115.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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Emissions of Carbon Monoxide from this source are limited to no more than 1.5700 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.61 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.61 pounds per hour

Reference Test Method: EPA METHOD 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 116: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 116.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GD1

**Item 116.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NO<sub>x</sub> or



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CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.

4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 117: Recordkeeping requirements.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A**

**Item 117.1:**

This Condition applies to Emission Unit: U-00001

Process: GD1

**Item 117.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 118: Facility files for subject sources.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A**

**Item 118.1:**

This Condition applies to Emission Unit: U-00001

Process: GD1

**Item 118.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be



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maintained for at least two years following the date of such measurements, reports, and records.

**Condition 119: Compliance with Standards and Maintenance Requirements  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A**

**Item 119.1:**

This Condition applies to Emission Unit: U-00001  
Process: GD1

**Item 119.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 120: Monitoring requirements.  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 120.1:**

This Condition applies to Emission Unit: U-00001  
Process: GD1

**Item 120.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 121: Sulfur Dioxide Limit  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.43a(b)(2), NSPS Subpart Da**

**Item 121.1:**

This Condition applies to Emission Unit: U-00001  
Process: GD1 Emission Source: 00DB1

**Item 121.2:**

**Source owner will burn natural gas only in the duct burners at this facility (ES Nos. 00DB1 and 00DB2). Per USEPA AP-42 emission factors (Table 1.4-2, 3/98 Edition), this will maintain sulfur dioxide emissions at 0.0006 lbs/mmBTU; well below 0.20 pounds per million Btu's of heat input.**



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**Condition 122: Minimum Data Requirements**

Effective between the dates of 07/01/2006 and 06/30/2011

**Applicable Federal Requirement: 40CFR 60.47a(f), NSPS Subpart Da**

**Item 122.1:**

This Condition applies to Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

**Item 122.2:**

The owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive HRSG operating days. If this minimum data requirement cannot be met with a continuous monitoring system, the owner or operator shall supplement emission data with other monitoring systems approved by the Administrator or the reference methods and procedures as described in paragraph (h) of Section 60.47a of 40 CFR 60, Subpart Da.

**Condition 123: Compliance Certification**

Effective between the dates of 07/01/2006 and 06/30/2011

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 123.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GT1

**Item 123.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NO<sub>x</sub> or



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CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.

4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 124: Recordkeeping requirements.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A**

**Item 124.1:**

This Condition applies to Emission Unit: U-00001

Process: GT1

**Item 124.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 125: Facility files for subject sources.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A**

**Item 125.1:**

This Condition applies to Emission Unit: U-00001

Process: GT1

**Item 125.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be



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maintained for at least two years following the date of such measurements, reports, and records.

**Condition 126: Compliance with Standards and Maintenance Requirements  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A**

**Item 126.1:**

This Condition applies to Emission Unit: U-00001  
Process: GT1

**Item 126.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 127: Monitoring requirements.  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 127.1:**

This Condition applies to Emission Unit: U-00001  
Process: GT1

**Item 127.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 128: Recordkeeping requirements.  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A**

**Item 128.1:**

This Condition applies to Emission Unit: U-00002

**Item 128.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.



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**Condition 129: Facility files for subject sources.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A**

**Item 129.1:**

This Condition applies to Emission Unit: U-00002

**Item 129.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 130: Compliance with Standards and Maintenance Requirements**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A**

**Item 130.1:**

This Condition applies to Emission Unit: U-00002

**Item 130.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 131: Monitoring requirements.**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 131.1:**

This Condition applies to Emission Unit: U-00002

**Item 131.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 132: Sulfur Dioxide Limit**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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**Applicable Federal Requirement: 40CFR 60.43a(b)(2), NSPS Subpart Da**

**Item 132.1:**

This Condition applies to Emission Unit: U-00002  
Process: GD2 Emission Source: 00DB2

**Item 132.2:**

Source owner will burn natural gas only in the duct burners at this facility (ES Nos. 00DB1 and 00DB2). Per USEPA AP-42 emission factors (Table 1.4-2, 3/98 Edition), this will maintain sulfur dioxide emissions at 0.0006 lbs/mmBTU; well below 0.20 pounds per million Btu's of heat input.

**Condition 133: Minimum Data Requirements**

Effective between the dates of 07/01/2006 and 06/30/2011

**Applicable Federal Requirement: 40CFR 60.47a(f), NSPS Subpart Da**

**Item 133.1:**

This Condition applies to Emission Unit: U-00002  
Process: GD2 Emission Source: 00DB2

**Item 133.2:**

The owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive HRSG operating days. If this minimum data requirement cannot be met with a continuous monitoring system, the owner or operator shall supplement emission data with other monitoring systems approved by the Administrator or the reference methods and procedures as described in paragraph (h) of Section 60.47a of 40 CFR 60, Subpart Da.

**Condition 134: Compliance Certification**

Effective between the dates of 07/01/2006 and 06/30/2011

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 134.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

**Item 134.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

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1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NOx or CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.
4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 135: Recordkeeping requirements.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A**

**Item 135.1:**  
This Condition applies to Emission Unit: U-00003

**Item 135.2:**  
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 136: Facility files for subject sources.**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A**



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**Item 136.1:**

This Condition applies to Emission Unit: U-00003

**Item 136.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 137: Compliance with Standards and Maintenance Requirements  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A**

**Item 137.1:**

This Condition applies to Emission Unit: U-00003

**Item 137.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 138: Monitoring requirements.  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 138.1:**

This Condition applies to Emission Unit: U-00003

**Item 138.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 139: Oxides of nitrogen monitoring requirements.  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db**

**Item 139.1:**

This Condition applies to Emission Unit: U-00003

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**Item 139.2:**

Facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate, and record the output from an oxides of nitrogen CEM.

**Condition 140: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.49b(d), NSPS Subpart Db**

**Item 140.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

**Item 140.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

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 141: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db**

**Item 141.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

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



**Item 141.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO<sub>2</sub>) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.



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Monitoring Frequency: DAILY  
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 142: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db**

**Item 142.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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

**Item 142.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 143: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j), Subpart A**

**Item 143.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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**Item 143.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NO<sub>x</sub> or CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.
4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 144: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 144.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003



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Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 144.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.70 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 1.70 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 145: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 145.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

**Item 145.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the Auxiliary Boiler. NOx emission rate is limited to no more than 0.1000 pounds per million Btu's of heat input (based



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upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas or LPG.

This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: Rosemount #951C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.1000 pounds per million Btus  
Reference Test Method: 40CFR60, App B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 146: Compliance Certification**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 146.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

**Item 146.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
A CEMS shall be used to monitor emissions of NO<sub>x</sub> from the Auxiliary Boiler. NO<sub>x</sub> emission rate is limited to no more than 0.1000 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas or LPG.

Manufacturer Name/Model Number: Rosemount #951C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 24.90 pounds per hour  
Reference Test Method: 40CFR60, App B&F  
Monitoring Frequency: CONTINUOUS



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Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 147: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 147.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 147.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.1180 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas or LPG.

This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: Siemens Ultramat 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.1180 pounds per million Btus

Reference Test Method: 40CFR60, App B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 148: Compliance Certification**

**Effective between the dates of 07/01/2006 and 06/30/2011**

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**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 148.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 148.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.1180 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas or LPG.

Manufacturer Name/Model Number: Siemens Ultramat 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29.40 pounds per hour

Reference Test Method: 40CFR60, App B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2006.

Subsequent reports are due every 3 calendar month(s).

**Condition 149: Use of alternative methods for measuring NO<sub>x</sub> during CEMS downtime**

**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db**

**Item 149.1:**

This Condition applies to Emission Unit: U-00003 Emission Point: 00003

**Item 149.2:**

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to

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provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.



**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 150: Contaminant List**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: ECL 19-0301**

**Item 150.1:**

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: 007664-41-7

Name: AMMONIA

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

**Condition 151: Unavoidable noncompliance and violations**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

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

**Item 151.1:**

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



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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 superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 152: Air pollution prohibited**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 152.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 153: Asbestos containing surface coatings prohibited**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 221.2**

**Item 153.1:**

No person shall engage in or allow surface coating by the spraying of asbestos or asbestos-containing materials.



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**Condition 154: Applicable Facility, with a unit of a capacity of 25 MWe or greater  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-1.4(a)**

Item 154.1:

Any unit, that at any time on or after January 1, 1999, serves a generator with a nameplate capacity equal to or greater than 25 MWe and sells any amount of electricity shall be a NOx budget unit, and any source that includes one or more such units shall be a NOx budget source, subject to the requirements of NYCRR 237

**Condition 155: Compliance Demonstration  
Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-1.6(c)**

**Item 155.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 155.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under NYCRR 237-6.5, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with NYCRR 237-8.

Each ton of NOx emitted in excess of the NOx budget emissions limitation shall constitute a separate violation of applicable State law.

A NOx budget unit shall be subject to the requirements under NYCRR 237-1.6(c)(1) starting when the unit commences operation.

NOx allowances shall be held in, deducted from, or transferred among NOx Allowance Tracking System accounts in accordance with NYCRR 237-5, 237-6, 237-7, and 237-9.



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Except for future control period NO<sub>x</sub> allowances which may be deducted pursuant to NYCRR 237-6.5(f), a NO<sub>x</sub> allowance shall not be deducted, in order to comply with the requirements under NYCRR 237-1.6(c)(1), for a control period in a year prior to the year for which the NO<sub>x</sub> allowance was allocated.

A NO<sub>x</sub> allowance allocated by the department under the Acid Deposition Reduction (ADR) NO<sub>x</sub> Budget Trading Program is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the ADR NO<sub>x</sub> Budget Trading Program. No provision of the ADR NO<sub>x</sub> Budget Trading Program, the NO<sub>x</sub> budget permit application, or the NO<sub>x</sub> budget permit or any provision of law shall be construed to limit the authority of the State to terminate or limit such authorization.

A NO<sub>x</sub> allowance allocated by the department under the ADR NO<sub>x</sub> Budget Trading Program does not constitute a property right.

The owners and operators of a NO<sub>x</sub> budget unit that has excess emissions in any control period shall: Forfeit the NO<sub>x</sub> allowances required for deduction under NYCRR 237-6.5(d)(1); and pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 237-6.5(d)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 156: Recordkeeping and Reporting Requirements**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-1.6(e)**

**Item 156.1:**

Unless otherwise provided, the owners and operators of the NO<sub>x</sub> budget source and each NO<sub>x</sub> budget unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department:

1) The account certificate of representation for the NO<sub>x</sub> authorized account representative for the source and each NO<sub>x</sub> budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation



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changing the NOx authorized account representative.

2) All emissions monitoring information, in accordance with NYCRR 237-8.

3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NOx Budget Trading Program.

4) Copies of all documents used to complete a NOx budget permit application and any other submission under the ADR NOx Budget Trading Program or to demonstrate compliance with the requirements of the ADR NOx Budget Trading Program.

The NOx authorized account representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the ADR NOx Budget Trading Program, including those under NYCRR 237-4, 237-8, or 237-9.

**Condition 157: Liability- facility no common stacks**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-1.6(f)**

**Item 157.1:**

No permit revision shall excuse any violation of the requirements of the ADR NOx Budget Trading Program that occurs prior to the date that the revision takes effect.

Any provision of the ADR NOx Budget Trading Program that applies to a NOx budget source (including a provision applicable to the NOx authorized account representative of a NOx budget source) shall also apply to the owners and operators of such source and of the NOx budget units at the source.

**Condition 158: Effect on other Authorities**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-1.6(g)**

**Item 158.1:**

No provision of the ADR NOx Budget Trading Program, a NOx budget permit application, or a NOx budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the NOx authorized account representative of a NOx budget source or NOx budget unit from compliance with any other provisions of applicable State and federal law and regulations.

**Condition 159: Authorization and responsibilities of the NOx authorized account representative**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-2**

Item 159.1:



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Except as provided under NYCRR 237-2.2, each NO<sub>x</sub> budget source, including all NO<sub>x</sub> budget units at the source, shall have one and only one NO<sub>x</sub> authorized account representative, with regard to all matters under the Acid Deposition Reduction (ADR) NO<sub>x</sub> Budget Trading Program concerning the source or any NO<sub>x</sub> budget unit at the source.

The NO<sub>x</sub> authorized account representative of the NO<sub>x</sub> budget source shall be selected by an agreement binding on the owners and operators of the source and all NO<sub>x</sub> budget units at the source.

Upon receipt by the department or its agent of a complete account certificate of representation under NYCRR 237-2.4, the NO<sub>x</sub> authorized account representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the NO<sub>x</sub> budget source represented and each NO<sub>x</sub> budget unit at the source in all matters pertaining to the ADR NO<sub>x</sub> Budget Trading Program, notwithstanding any agreement between the NO<sub>x</sub> authorized account representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the NO<sub>x</sub> authorized account representative by the department or a court regarding the source or unit.

No NO<sub>x</sub> budget permit shall be issued, and no NO<sub>x</sub> Allowance Tracking System account shall be established for a NO<sub>x</sub> budget unit at a source, until the department or its agent has received a complete account certificate of representation under NYCRR 237-2.4 for a NO<sub>x</sub> authorized account representative of the source and the NO<sub>x</sub> budget units at the source.

Each submission under the ADR NO<sub>x</sub> Budget Trading Program shall be submitted, signed, and certified by the NO<sub>x</sub> authorized account representative for each NO<sub>x</sub> budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NO<sub>x</sub> authorized account representative: "I am authorized to make this submission on behalf of the owners and operators of the NO<sub>x</sub> budget sources or NO<sub>x</sub> budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

The department or its agent will accept or act on a submission made on behalf of owners or operators of a NO<sub>x</sub> budget source or a NO<sub>x</sub> budget unit only if the submission has been made, signed, and certified in accordance with NYCRR 237-2.1(e)(1).

**Condition 160: Compliance Demonstration**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-4.1**

**Item 160.1:**

The Compliance Demonstration activity will be performed for the Facility.

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**Item 160.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NO<sub>x</sub> budget units at a source are subject to the NO<sub>x</sub> budget emissions limitation, the NO<sub>x</sub> authorized account representative of the source shall submit to the department by the September 30 following the relevant control period, a compliance certification report for each source covering all such units.

The NO<sub>x</sub> authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the NO<sub>x</sub> budget emissions limitation for the control period covered by the report:

- (1) identification of each NO<sub>x</sub> budget unit;
- (2) except in instances when the NO<sub>x</sub> budget unit seeks to use future control period NO<sub>x</sub> allowances which may be deducted pursuant to NYCRR 237-6.5(f), at the NO<sub>x</sub> authorized account representative's option, the serial numbers of the NO<sub>x</sub> allowances that are to be deducted from each unit's compliance account under NYCRR 237-6.5 for the control period;
- (3) at the NO<sub>x</sub> authorized account representative's option, for units sharing a common stack and having NO<sub>x</sub> emissions that are not monitored separately or apportioned in accordance with NYCRR 237-8, the percentage of NO<sub>x</sub> allowances that is to be deducted from each unit's compliance account under NYCRR 237-6.5(e);
- (4) for units using future control period allowances for compliance purposes pursuant to NYCRR 237-6.5(f), the statement of intent and report required under NYCRR 237-6.5(f)(2); and
- (5) the compliance certification under NYCRR 237-4(c).

In the compliance certification report the NO<sub>x</sub> authorized account representative shall certify, based on reasonable

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inquiry of those persons with primary responsibility for operating the source and the NOx budget units at the source in compliance with the Acid Deposition Reduction (ADR) NOx Budget Trading Program, whether each NOx budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR NOx Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the NOx budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with NYCRR 237-8;

(c) whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with NYCRR 237-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under NYCRR 237-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under NYCRR 237-8, if any, has changed; and

(e) if a change is required to be reported in (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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**Condition 161: Submission of NO<sub>x</sub> allowance transfers**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-7.1**

**Item 161.1:**

The NO<sub>x</sub> authorized account representatives seeking recordation of a NO<sub>x</sub> allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the NO<sub>x</sub> allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each NO<sub>x</sub> allowance to be transferred; and
- (c) the printed name and signature of the NO<sub>x</sub> authorized account representative of the transferor account and the date signed.

**Condition 162: Compliance Demonstration**  
**Effective between the dates of 07/01/2006 and 06/30/2011**

**Applicable State Requirement: 6NYCRR 237-8**

**Item 162.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 162.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators, and to the extent applicable, the NO<sub>x</sub> authorized account representative of a NO<sub>x</sub> budget unit, shall comply with the monitoring and reporting requirements as provided in this NYCRR 237-8 and in Subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 237-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "NO<sub>x</sub> budget unit," and "NO<sub>x</sub> authorized account representative," respectively, as defined in section 237-1.2.

For any NO<sub>x</sub> budget unit which is also a NO<sub>x</sub> budget unit under Part 204 of this title, prior or contemporaneous

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timely submissions in compliance with the requirements of Subpart 204-8 may, when appropriate, be summarily referenced by the owners and operators of the NOx budget unit in order to demonstrate compliance with the requirements of this Subpart:

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION