

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



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 4-4215-00054/00179  
Mod 0 Effective Date: 09/12/2002 Expiration Date: No expiration date.  
Mod 2 Effective Date: 07/10/2006 Expiration Date: No expiration date.  
Mod 3 Effective Date: 04/11/2007 Expiration Date: No expiration date.  
Mod 4 Effective Date: 07/10/2006 Expiration Date: No expiration date.

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

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

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

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

Description:  
This project is a request for preconstruction authorization to install two 245 mmBtu/hour gas fired boilers to serve Building 263. Three previously approved boilers will be removed once the new boilers have been successfully started up. The emission points associated with the previously approved boilers are EP 00011 through EP 00013 and the emission points associated with the proposed boilers are EP 00027 and EP 00028.

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By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:           MICHAEL T HIGGINS  
  DIVISION OF ENVIRONMENTAL PERMITS  
  1130 N WESTCOTT RD  
  SCHENECTADY, NY 12306-2014

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



**Notification of Other State Permittee Obligations**

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

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

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Applications for Permit Renewals and Modifications

Permit modifications, suspensions or revocations by the Department

**Facility Level**

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

Submission of application for permit modification or renewal-REGION 4  
HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**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 3-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6NYCRR 621.11**

**Item 3-1.1:**

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

**Item 3-1.2:**

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

**Item 3-1.3:**

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



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actual transfer of ownership.

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

**Expired by Mod No: 3**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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

**Condition 3-2: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 3-2.1:**

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

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

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

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

**Expired by Mod No: 3**

**Item 5.1:**

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



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

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

**Item 3-3.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1130 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

**IDENTIFICATION INFORMATION**

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

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

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

Mod 0 Permit Effective Date: 09/12/2002

Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 07/10/2006

Permit Expiration Date: No expiration date.

Mod 4 Permit Effective Date: 07/10/2006

Permit Expiration Date: No expiration date.

Mod 3 Permit Effective Date: 04/11/2007

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 201-6.1(b): Compliance Demonstration
- 3 6NYCRR 227-2.1: This condition states the facility is applicable to NO<sub>x</sub> RACT.

**Emission Unit Level**

- 3-1 6NYCRR 201-7: Process Permissible Emissions

**EU=1-STDLO**

- 3-2 6NYCRR 227-1.3(a): Compliance Demonstration
- 6 6NYCRR 227-1.6(a): Corrective Action
- 7 6NYCRR 227-1.6(b): Corrective Action
- 8 6NYCRR 227-1.6(c): Corrective Action
- 9 6NYCRR 227-1.6(d): Corrective Action
- 10 6NYCRR 227-1.7: General Provisions
- 3-3 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 3-4 40CFR 60.7(a), NSPS Subpart A: Date of construction notification -  
If a COM is not used.
- 3-5 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 3-6 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 3-7 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 3-8 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 3-9 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 3-10 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 3-11 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or  
Local Agency
- 3-12 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 3-13 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver  
EU Level
- 3-14 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 3-15 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 3-16 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 3-17 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 3-18 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 3-19 40CFR 60.9, NSPS Subpart A: Availability of information.
- 3-20 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 3-21 40CFR 60.12, NSPS Subpart A: Circumvention.
- 3-22 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 3-23 40CFR 60.14, NSPS Subpart A: Modifications.
- 3-24 40CFR 60.15, NSPS Subpart A: Reconstruction.

**EU=1-STDLO,Proc=NG3**

- \*3-25 6NYCRR 201-7: Capping Monitoring Condition



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- \*3-26 6NYCRR 201-7: Capping Monitoring Condition
- 3-27 6NYCRR 227-2.6(c): Compliance Demonstration
- 3-28 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 3-29 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 3-30 40CFR 60.42b(k)(1), NSPS Subpart Db: Compliance Demonstration
- 3-31 40CFR 60.43b(h)(5), NSPS Subpart Db: Emexption from PM and opacity standards.
- 3-32 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 3-33 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 3-34 40CFR 60.45b, NSPS Subpart Db: Compliance and performance methods for sulfur dioxide.
- 3-35 40CFR 60.45b, NSPS Subpart Db: Compliance and performance methods for sulfur dioxide.
- 3-36 40CFR 60.45b(k), NSPS Subpart Db: Compliance Demonstration
- 3-37 40CFR 60.46b, NSPS Subpart Db: Compliance methods for oxides of nitrogen.
- 3-38 40CFR 60.46b(e)(1), NSPS Subpart Db: Compliance and performance requirements.
- 3-39 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Demonstration
- 3-40 40CFR 60.46b(i), NSPS Subpart Db: Compliance Demonstration
- 3-41 40CFR 60.47b(g), NSPS Subpart Db: Compliance Demonstration
- 3-42 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 3-43 40CFR 60.48b(j), NSPS Subpart Db: Compliance Demonstration
- 3-44 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 3-45 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
- 3-46 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 3-47 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 3-48 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
- 3-49 40CFR 60.49b(h)(2), NSPS Subpart Db: Compliance Demonstration
- 3-50 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 3-51 40CFR 60.49b(k), NSPS Subpart Db: Compliance and Performance Testing Requirements.
- 3-52 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 3-53 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping - Electronic report submittal
- 3-54 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

**EU=1-STDL0,Proc=NGC**

- \*3-55 6NYCRR 201-7: Capping Monitoring Condition
- 14 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.
- 3-56 6NYCRR 227-2.4(c)(2): Compliance Demonstration
- 18 40CFR 60.48c, NSPS Subpart Dc: Recordkeeping and reporting.



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- 19 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration
- 20 40CFR 60.48c(i), NSPS Subpart Dc: Duration of records maintained.

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 24 ECL 19-0301: Contaminant List
- 25 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 26 6NYCRR 201-5: Emission Unit Definition
- 27 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 28 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 29 6NYCRR 201-5: Process Definition By Emission Unit

**EU=1-STDLO**

- 3-57 6NYCRR 201-5.3(b): Compliance Demonstration
- 30 6NYCRR 201-5.4(b): Compliance Demonstration

**EU=1-STDLO,Proc=NG3**

- 3-58 6NYCRR 201-5.3(b): Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6NYCRR Part 200.5**

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

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

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

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

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

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

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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

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

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

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

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

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

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

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

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

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

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

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

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

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

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

**Item K: Visible Emissions Limited - 6 NYCRR Part 211.3**

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

**Item L: Open Fires - 6 NYCRR Part 215**

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

**Item M: 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

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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 N: Federally Enforceable Requirements - 40 CFR 70.6(b)**

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

**FEDERAL APPLICABLE REQUIREMENTS**

**The following conditions are federally enforceable.**

**Condition 1: Compliance Demonstration**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6.1(b)**

**Item 1.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 1.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An application to modify the existing Title V permit of this facility shall be submitted to the Department within one year after the date of initial start up of the sources in this permit. The application shall include the emission unit(s), emission point(s), process(es), and source(s) and shall address the terms and conditions covered by this permit or any modifications to this permit.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3:** This condition states the facility is applicable to NOx  
RACT.  
Effective between the dates of 09/12/2002 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 227-2.1**

**Item 3.1:**

This facility is subject to NOx RACT.

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

**Condition 3-1: Process Permissible Emissions**  
Effective between the dates of 04/11/2007 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 3-1.1:**

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

Emission Unit: 1-STDLO Process: NGC

CAS No: 000630-08-0 (From Mod 3)

Name: CARBON MONOXIDE

PTE(s): 24 pounds per hour

126,000 pounds per year

CAS No: 0NY210-00-0 (From Mod 3)

Name: OXIDES OF NITROGEN

PTE(s): 14 pounds per hour

75,000 pounds per year

**Condition 3-2: Compliance Demonstration**  
Effective between the dates of 04/11/2007 and Permit Expiration Date

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

**Item 3-2.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: 1-STDLO

**Item 3-2.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 6: Corrective Action**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 6.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 6.2:**

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

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



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**Condition 7: Corrective Action**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 7.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 7.2:**

The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraphs 6 NYCRR Part 227-1.6(a)(1)-(3) are not met within the time provided by the order of final determination issued in the case of the violation.

**Condition 8: Corrective Action**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 8.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 8.2:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with 6 NYCRR Part 227-1.6.

**Condition 9: Corrective Action**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 9.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 9.2:**

No person except the commissioner or his representatives shall remove, tamper with or destroy any seal affixed to any stationary combustion installation in accordance with 6 NYCRR Part 227-1.6.

**Condition 10: General Provisions**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 10.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 10.2:**

(a) Emission data. Any person who owns or operates a stationary combustion installation



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described in 6 NYCRR Part 227-1 shall provide pertinent data concerning emissions when so requested by the commissioner.

(b) Test methods. Sampling, compositing and analysis of fuel samples shall be carried out in accordance with the most recent ASTM standard methods or equivalent methods acceptable to the commissioner.

**Condition 3-3: EPA Region 2 address.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-3.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-3.2:**

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 3-4: Date of construction notification - If a COM is not used.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-4.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-4.2:**

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days



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after such date;

3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

**Condition 3-5: Modification Notification**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-5.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-5.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 3-6: Recordkeeping requirements.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-6.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-6.2:**



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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 3-7: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

**Item 3-7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.



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Monitoring Frequency: CONTINUOUS  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 3-8: Excess Emissions Report**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-8.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-8.2:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 3-9: Monitoring frequency waiver.**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-9.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-9.2:** Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

**Condition 3-10: Facility files for subject sources.**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-10.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-10.2:**

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 3-11: Notification Similar to State or Local Agency**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-11.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-11.2:**

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

**Condition 3-12: Performance testing timeline.**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(a), NSPS Subpart A**

**Item 3-12.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-12.2:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 3-13: Performance Test Methods - Waiver EU Level**  
**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A**

**Item 3-13.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-13.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

**Condition 3-14: Performance test methods.**



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**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A**

**Item 3-14.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-14.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 3-15: Required performance test information.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(c), NSPS Subpart A**

**Item 3-15.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-15.2:**

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

**Condition 3-16: Prior notice.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(d), NSPS Subpart A**

**Item 3-16.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-16.2:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 3-17: Performance testing facilities.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(e), NSPS Subpart A**

**Item 3-17.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-17.2:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;

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- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

**Condition 3-18: Number of required tests.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(f), NSPS Subpart A**

**Item 3-18.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-18.2:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 3-19: Availability of information.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-19.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-19.2:**

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

**Condition 3-20: Opacity standard compliance testing.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-20.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-20.2:**

The following conditions shall be used to determine compliance with the opacity standards:

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);



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2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**Condition 3-21: Circumvention.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-21.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-21.2:**

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

**Condition 3-22: Monitoring requirements.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-22.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-22.2:**

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

**Condition 3-23: Modifications.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

**Item 3-23.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-23.2:**

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

**Condition 3-24: Reconstruction.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**



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**Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A**

**Item 3-24.1:**

This Condition applies to Emission Unit: 1-STDLO

**Item 3-24.2:**

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

**Condition 3-25: Capping Monitoring Condition**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 3-25.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2.2(a)  
40CFR 52-A.21

**Item 3-25.2:**

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

**Item 3-25.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of



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five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 3-25.4:**

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

**Item 3-25.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 3-25.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO  
Process: NG3

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

**Item 3-25.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel consumption shall be limited to avoid triggering new source review requirements. The federally enforceable limit indicated below shall not be exceeded. Consumption shall be tracked and emissions shall be monitored on a rolling 12-month basis.

Work Practice Type: PROCESS MATERIAL THRUPUT  
Process Material: NATURAL GAS  
Upper Permit Limit: 1350 million cubic feet per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due every 12 calendar month(s).

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**Condition 3-26: Capping Monitoring Condition**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 3-26.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2.2(a)  
40CFR 52-A.21

**Item 3-26.2:**

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

**Item 3-26.3:**

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

**Item 3-26.4:**

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

**Item 3-26.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 3-26.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO  
Process: NG3

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

**Item 3-26.7:**

Compliance Demonstration shall include the following monitoring:

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Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall limit the oxides of nitrogen emissions from each boiler to less than 0.057 pounds per million Btu. The oxides of nitrogen limit of 0.057 lb/mmBtu in conjunction with the natural gas usage limit contained elsewhere in the permit will cap oxide of nitrogen emissions to less than the applicability threshold of 40 tons per year for 6 NYCRR Part 231-2 and 40 CFR 52.21, Subpart A.

The oxides of nitrogen limit of 0.057 lb/mmBtu contained in this condition will also demonstrate compliance with the 0.20 lb/mmBtu limit contained in 6 NYCRR Part 227-2.4(b) and the 0.10 lb/mmBtu limit derived from the equation contained in 40 CFR 60.44b(1)(2), Subpart Db.

The facility shall demonstrate compliance with the limit by performing an initial stack test no later than 180 days from the initial start up of the boiler. Subsequent compliance shall be determined by stack testing once during the term of the permit.

The stack testing shall be performed in accordance with the requirements contained in 6 NYCRR Part 227-2.6(c) and 40 CFR 60.46b(e)(1), Subpart Db.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.057 pounds per million Btus

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-27: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-27.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

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

**Item 3-27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a source required to conduct an emission test under 6 NYCRR Part 227-2.6(a) must:

(1) submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department; and

(2) utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or any other method acceptable to the Department and the Administrator for determining compliance with the appropriate nitrogen oxide limit in 6 NYCRR Part 227-2.4 , and must, in addition, follow the procedures set forth in 6 NYCRR Part 202; and

(3) submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-28: Sulfur dioxide averaging period.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.42b(e), NSPS Subpart Db**

**Item 3-28.1:**

This Condition applies to Emission Unit: 1-STDLO

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Process: NG3

**Item 3-28.2:**

Except as noted in subdivision (f) of this section sulfur dioxide emission limits, oil sulfur limits, and/or percent reductions shall be determined on a 30 day rolling average.

**Condition 3-29: Sulfur dioxide standard compliance.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.42b(g), NSPS Subpart Db**

**Item 3-29.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-29.2:**

Sulfur dioxide limitations shall be met at all times including periods start up, shutdown, and malfunction.

**Condition 3-30: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.42b(k)(1), NSPS Subpart Db**

**Item 3-30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO  
Process: NG3

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

**Item 3-30.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Units firing only oil that contains no more than 0.3 weight percent sulfur or any individual fuel with a potential sulfur dioxide emission rates of 0.32 lb/mmBtu (140 ng/J) heat input or less are exempt from all other sulfur dioxide emission limits in 40 CFR 60. 42b(k).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR CONTENT



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Upper Permit Limit: 0.32 pounds per million Btus  
Monitoring Frequency: ANNUALLY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 3-31: Emexption from PM and opacity standards.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.43b(h)(5), NSPS Subpart Db**

**Item 3-31.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-31.2:** On or after the date on which the initial performance test is completed or is required to be completed under §60.8, whichever date comes first, no owner or operator of an affected facility that commences construction, reconstruction, or modification after February 28, 2005, and that combusts only oil that contains no more than 0.3 weight percent sulfur or other liquid or gaseous fuels with potential sulfur dioxide emission rates of 140 ng/J (0.32 lb/MMBtu) heat input or less is not subject to the PM or opacity limits in this section.

**Condition 3-32: Applicability of oxides of nitrogen standard.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db**

**Item 3-32.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-32.2:**

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

**Condition 3-33: Averaging period.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.44b(i), NSPS Subpart Db**

**Item 3-33.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3



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**Facility DEC ID: 4421500054**

**Item 3-33.2:**

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

**Condition 3-34: Compliance and performance methods for sulfur dioxide.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.45b, NSPS Subpart Db**

**Item 3-34.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-34.2:**

The sulfur dioxide emission standard of section 40 CFR 60-Db.42b shall apply at all times.

**Condition 3-35: Compliance and performance methods for sulfur dioxide.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.45b, NSPS Subpart Db**

**Item 3-35.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-35.2:**

The owner or operator shall use the methods and procedures of this section 40 CFR 60-Db.45b and of Appendix A of this part 40 CFR 60 to determine compliance with the sulfur dioxide emission standard.

**Condition 3-36: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.45b(k), NSPS Subpart Db**

**Item 3-36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO  
Process: NG3

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

**Item 3-36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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Facility DEC ID: 4421500054

**Monitoring Description:**

Units that burn only oil that contains no more than 0.3 weight percent sulfur or fuels with potential sulfur dioxide emission rates of 0.32 lb/mmBtu (140 ng/J) heat input or less may demonstrate compliance by maintaining records of fuel supplier certifications of sulfur content of the fuels burned.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-37: Compliance methods for oxides of nitrogen.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db**

**Item 3-37.1:**

This Condition applies to Emission Unit: 1-STDLO

Process: NG3

**Item 3-37.2:**

Oxides of nitrogen emission standards in section 40 CFR 60-Db.44b shall apply at all times.

**Condition 3-38: Compliance and performance requirements.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46b(e)(1), NSPS Subpart Db**

**Item 3-38.1:**

This Condition applies to Emission Unit: 1-STDLO

Process: NG3

**Item 3-38.2:** For the initial compliance test, nitrogen oxides from the steam generating unit are monitored for 30 successive steam generating unit operating days and the 30-day average emission rate is used to determine compliance with the nitrogen oxides emission standards under §60.44b. The 30-day average emission rate is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30-day test period.

**Condition 3-39: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46b(e)(4), NSPS Subpart Db**

**Item 3-39.1:**



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**Permit ID: 4-4215-00054/00179**

**Facility DEC ID: 4421500054**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

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

**Item 3-39.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Following the date on which the initial performance test is completed or required to be completed under 40 CFR Part 60.8, whichever date comes first, the owner or operator of an affected facility which has a heat input capacity of 73 MW (250 million Btu/hour) or less and which combusts natural gas, distillate oil, or residual oil having a nitrogen content of 0.30 weight percent or less shall upon request determine compliance with the nitrogen oxides standards under 40 CFR Part 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, nitrogen oxides emissions data collected pursuant to 40 CFR Part 60.48b(g)(1) or 40 CFR Part 60.48b(g)(2) are used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the nitrogen oxides emission standards. A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: METHOD 7, 7A, OR 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-40: Compliance Demonstration**



**New York State Department of Environmental Conservation**

**Permit ID: 4-4215-00054/00179**

**Facility DEC ID: 4421500054**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46b(i), NSPS Subpart Db**

**Item 3-40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 3-40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Units that burn only oil that contains no more than 0.3 weight percent sulfur or liquid or gaseous fuels with potential sulfur dioxide emission rates of 0.32 lb/mmBtu (140 ng/J) heat input or less may demonstrate compliance by maintaining fuel supplier certifications of sulfur content of the fuels burned.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-41: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.47b(g), NSPS Subpart Db**

**Item 3-41.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 3-41.2:**

Compliance Demonstration shall include the following monitoring:

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**Facility DEC ID: 4421500054**



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Units burning any fuel with a potential sulfur dioxide emission rate of 0.32 lb/mmBtu (140 ng/J) heat input or less are not required to conduct emissions monitoring if they maintain fuel supplier certifications of the sulfur content of the fuels burned.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-42: Alternative monitoring for oxides of nitrogen.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-42.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-42.2:**

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

**Condition 3-43: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 3-43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Units that burn only oil that contains no more than 0.3 weight percent sulfur or liquid or gaseous fuels with potential sulfur dioxide emission rates of 0.32 lb/mmBtu (140 ng/J) heat input or less are not required to conduct PM emissions monitoring if they maintain fuel supplier certifications of the sulfur content of the fuels burned.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-44: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-44.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

**Item 3-44.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or



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operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3-45: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-45.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

**Item 3-45.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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**Condition 3-46: Plan for Monitoring of Steam Generating Unit Operating Conditions**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-46.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-46.2:**

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

**Condition 3-47: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-47.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

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Process: NG3

**Item 3-47.2:**

Compliance Demonstration 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 7/30/2007.

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

**Condition 3-48: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-48.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

Regulated Contaminant(s):

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

**Item 3-48.2:**

Compliance Demonstration 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



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- (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.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-49: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(h)(2), NSPS Subpart Db**

**Item 3-49.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

**Item 3-49.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility that is subject to the nitrogen oxides standard of 40 CFR 60.44b, and that combusts natural gas, distillate oil, or residual oil with a nitrogen content of 0.3 weight percent or less, or has a heat input capacity of 250 mmBtu/hr or less and is required to monitor nitrogen oxides emissions on a continuous basis under 40 CFR 60.48b(g)(1) or steam generating unit operating conditions under 40 CFR 60.48b(g)(2), shall submit excess emission reports for any excess emissions which occurred during the reporting period. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-50: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-50.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

**Item 3-50.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Monitoring Description:**

The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

**Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION**

**Reporting Requirements: SEMI-ANNUALLY (CALENDAR)**

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 3-51: Compliance and Performance Testing Requirements.**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-51.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-51.2:** For each affected facility subject to the compliance and performance testing requirements of §60.45b and the reporting requirement in paragraph (j) of this section, the following information shall be reported to the Administrator:

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average sulfur dioxide emission rate (ng/J or lb/million Btu heat input) measured during the reporting period, ending with the last 30-day period; reasons for noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Each 30-day average percent reduction in sulfur dioxide emissions calculated during the reporting period, ending with the last 30-day period; reasons for noncompliance with the emission standards; and a description of corrective actions taken.
- (4) Identification of the steam generating unit operating days that coal or oil was combusted and for which sulfur dioxide or diluent (oxygen or carbon dioxide) data have not been obtained by an approved method for at least 75 percent of the operating hours in the steam generating unit operating day; justification for not obtaining sufficient data; and description of corrective action taken.
- (5) Identification of the times when emissions data have been excluded from the calculation of average emission rates; justification for excluding data; and description of corrective action taken if data have been excluded for periods other than those during which coal or oil were not combusted in the steam generating unit.

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- (6) Identification of “F” factor used for calculations, method of determination, and type of fuel combusted.
- (7) Identification of times when hourly averages have been obtained based on manual sampling methods.
- (8) Identification of the times when the pollutant concentration exceeded full span of the CEMS.
- (9) Description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specification 2 or 3.
- (10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1.
- (11) The annual capacity factor of each fired as provided under paragraph (d) of this section.

**Condition 3-52: Records Retention**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-52.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-52.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

**Condition 3-53: Reporting and Recordkeeping - Electronic report submittal**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

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

**Item 3-53.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-53.2:**

The owner or operator of an affected facility may submit electronic quarterly reports for SO<sub>2</sub> and/or NO<sub>x</sub> and/or opacity in lieu of submitting the written reports required under paragraphs (h), (i), (j), (k) or (l) of 40 CFR 60.49b. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.



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**Condition 3-54: Reporting Period**

Effective between the dates of 04/11/2007 and Permit Expiration Date

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

**Item 3-54.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NG3

**Item 3-54.2:**

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

**Condition 3-55: Capping Monitoring Condition**

Effective between the dates of 04/11/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

**Item 3-55.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2.2(a)  
40CFR 52-A.21

**Item 3-55.2:**

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

**Item 3-55.3:**

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

**Item 3-55.4:**

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

**Item 3-55.5:**



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The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 3-55.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NGC

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

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

**Item 3-55.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel consumption shall be limited to avoid triggering new source review and PSD requirements. The federally enforceable limit indicated below shall not be exceeded.

Consumption shall be tracked and emissions shall be monitored on a rolling 12-month basis. Appropriate AP-42 emission factors shall be used to calculate emissions.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 1500 million cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 14: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies. Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 14.1:**

This Condition applies to Emission Unit: 1-STDLO

Process: NGC

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**Item 14.2:**

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

**Condition 3-56: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.4(c)(2)**

**Item 3-56.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NGC

Regulated Contaminant(s):

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

**Item 3-56.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Oxides of Nitrogen (NOx) emission limit for gas fired mid-size boilers, where stack testing is required for compliance. The stack testing shall be conducted upon request by the Department. The owner or operator shall submit a stack test protocol to the Department for approval at least sixty (60) days prior to the stack test.

The owner or operator shall submit the stack test results to the Department for approval within sixty (60) days of completing the stack testing.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: 40CFR 60, Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 18: Recordkeeping and reporting.**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 18.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NGC

**Item 18.2:**

The facility shall maintain reports and records in accordance with the provisions of this section 40 CFR 60-Dc.48c.

**Condition 19: Compliance Demonstration**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO  
Process: NGC

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Duration of records maintained.**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 20.1:**

This Condition applies to Emission Unit: 1-STDLO  
Process: NGC

**Item 20.2:**

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



**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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Item B: 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

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law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 24: Contaminant List**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 24.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Condition 25: Unavoidable noncompliance and violations**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

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

**Item 25.1:**

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



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identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

**Condition 26: Emission Unit Definition**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 26.1(From Mod 3):**

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

Emission Unit: 1-STDLO

Emission Unit Description:

This emission unit will be comprised of three 96.1 mmBtu/hour and two 245 mmBtu/hr natural gas fired boilers that will provide steam for turbine testing. The boilers will vent to five individual emission points. The boilers may provide steam for other process and facility purposes when not in use for turbine testing. The three smaller boilers will be disconnected sometime after the two larger boilers start up (only two smaller boilers have been



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installed to date).

Building(s): 262C  
262D  
263B

**Condition 27: Air pollution prohibited**  
**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 27.1:**

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

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

**Condition 28: Emission Point Definition By Emission Unit**  
**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 28.1(From Mod 3):**

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

Emission Unit: 1-STDLO

Emission Point: 00027  
Height (ft.): 74 Diameter (in.): 60  
NYTMN (km.): 4739.9 NYTME (km.): 584.6 Building: 263B

Emission Point: 00028  
Height (ft.): 74 Diameter (in.): 60  
NYTMN (km.): 4739.9 NYTME (km.): 584.6 Building: 263B

Emission Point: 00011  
Height (ft.): 40 Diameter (in.): 57  
NYTMN (km.): 4740.1 NYTME (km.): 584.5 Building: 262C

Emission Point: 00012  
Height (ft.): 40 Diameter (in.): 57



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NYTMN (km.): 4740.1    NYTME (km.): 584.5    Building: 262D

Emission Point: 00013

Height (ft.): 40

Diameter (in.): 57

NYTMN (km.): 4740.1    NYTME (km.): 584.5    Building: 262D

**Condition 29: Process Definition By Emission Unit  
Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 29.1(From Mod 3):**

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

Emission Unit: 1-STDLO

Process: NG3

Source Classification Code: 1-02-006-01

Process Description:

This process consists of the combustion of natural gas in Emission Sources 0027A and 0028A to produce steam for the testing of turbines or for other facility purposes.

Emission Source/Control: 0027A - Combustion

Design Capacity: 245 million Btu per hour

Emission Source/Control: 0028A - Combustion

Design Capacity: 245 million Btu per hour

**Item 29.2(From Mod 3):**

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

Emission Unit: 1-STDLO

Process: NGC

Source Classification Code: 1-02-006-02

Process Description:

This process consists of the combustion of natural gas in sources 00011, 00012, and 00013. Sources 0011A and 0012A are located in Buildings 262C and 262D, and source 0013A is located outside (on the east side) of Building 262C.

Emission Source/Control: 0011A - Combustion

Design Capacity: 96.1 million Btu per hour

Emission Source/Control: 0012A - Combustion

Design Capacity: 96.1 million Btu per hour

Emission Source/Control: 0013A - Combustion

Design Capacity: 96.1 million Btu per hour



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**Condition 3-57: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 3-57.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

**Item 3-57.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall operate the boilers in the emission unit such that the heat input shall not exceed 490 mmBtu/hour at any time. The facility shall maintain records on a daily basis to demonstrate compliance with the limit.

Parameter Monitored: HEAT INPUT

Upper Permit Limit: 490 million Btu per hour

Monitoring Frequency: DAILY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 30: Compliance Demonstration**

**Effective between the dates of 09/12/2002 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5.4(b)**

**Item 30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Operational Flexibility:

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

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

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

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

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

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

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

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

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



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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3-58: Compliance Demonstration**

**Effective between the dates of 04/11/2007 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 3-58.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STDLO

Process: NG3

**Item 3-58.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is limited to only firing natural gas in this process. The facility shall track fuel consumption as required under 40 CFR 60.49b(d), Subpart Db to demonstrate compliance with the requirement to fire only natural gas.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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