

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 1472200108**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 1-4722-00108/00020  
Effective Date: 09/08/2004 Expiration Date: 09/07/2009

Permit Issued To: KEYSpan ENERGY CORP  
175 EAST OLD COUNTRY RD  
HICKSVILLE, NY 11801

Facility: WADING RIVER GT FACILITY  
NORTH COUNTRY RD  
SHOREHAM, NY 11786

Contact: PAUL A LYNCH  
KEYSPAN CORP. ENVIRON. ENGINEERING  
175 EAST OLD COUNTRY ROAD  
HICKSVILLE, NY 11801-4280

Description:

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

Permit Administrator: ROGER EVANS  
DIVISION OF ENVIRONMENTAL PERMITS  
SUNY CAMPUS, LOOP ROAD, BUILDING 40  
STONY BROOK, NY 11790-2356

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



**Notification of Other State Permittee Obligations**

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

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

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 1

HEADQUARTERS



**DEC GENERAL CONDITIONS**

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

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

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

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

**Item 2.1:**

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

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

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**



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

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

**Item 4.1:**

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

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

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

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 1 Headquarters  
Division of Environmental Permits  
SUNY Campus, Loop Road, Building 40  
Stony Brook, NY 11790-2356  
(631) 444-0365



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

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Facility: WADING RIVER GT FACILITY  
NORTH COUNTRY RD  
SHOREHAM, NY 11786

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

Permit Effective Date: 09/08/2004

Permit Expiration Date: 09/07/2009



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 201-6: Emission Unit Definition
- 2 6NYCRR 201-6.5(b): Electric output limitation
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 204-1.6: Permit requirements.
- 10 6NYCRR 204-2.1: Submissions to the Department.
- 11 6NYCRR 204-4.1: Contents of reports and compliance certifications.
- 12 6NYCRR 204-4.1: Discretionary report contents.
- 13 6NYCRR 204-4.1: Compliance Certification
- 14 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 15 6NYCRR 204-8.1: General provisions.
- 16 6NYCRR 204-8.1: Prohibitions.
- 17 6NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 18 6NYCRR 204-8.2: Compliance Certification
- 19 6NYCRR 204-8.3: Out of control periods.
- 20 6NYCRR 204-8.4: Compliance Certification
- 21 6NYCRR 204-8.7: Compliance Certification
- 22 6NYCRR 225-1.2(a)(1): Compliance Certification
- 23 6NYCRR 227-2: Compliance Certification
- 24 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 25 40CFR 68: Accidental release provisions.
- 26 40CFR 82, Subpart F: Recycling and Emissions Reduction

**Emission Unit Level**

- 27 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 28 6NYCRR 201-6: Process Definition By Emission Unit

**EU=U-GT007**

- 29 6NYCRR 227.2(b)(1): Compliance Certification
- 30 40CFR 52.21(j), Subpart A: Compliance Certification
- 31 40CFR 52.21(j), Subpart A: Compliance Certification

**EU=U-GT007,EP=GT007**

- 32 6NYCRR 227-2.4: Compliance Certification
- 33 40CFR 60.332, NSPS Subpart GG: Compliance Certification
- 34 40CFR 60.333(b), NSPS Subpart GG: Compliance Certification

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**EU=U-GT008**

- 35 6NYCRR 227.2(b)(1): Compliance Certification
- 36 40CFR 52.21(j), Subpart A: Compliance Certification
- 37 40CFR 52.21(j), Subpart A: Compliance Certification

**EU=U-GT008,EP=GT008**

- 38 6NYCRR 227-2.4: Compliance Certification
- 39 40CFR 60.332, NSPS Subpart GG: Compliance Certification
- 40 40CFR 60.333(b), NSPS Subpart GG: Compliance Certification

**EU=U-GT009**

- 41 6NYCRR 227.2(b)(1): Compliance Certification
- 42 40CFR 52.21(j), Subpart A: Compliance Certification
- 43 40CFR 52.21(j), Subpart A: Compliance Certification

**EU=U-GT009,EP=GT009**

- 44 6NYCRR 227-2.4: Compliance Certification
- 45 40CFR 60.332, NSPS Subpart GG: Compliance Certification
- 46 40CFR 60.333(b), NSPS Subpart GG: Compliance Certification

**EU=U-GT013**

- 47 6NYCRR 227.2(b)(1): Compliance Certification

**EU=U-GT013,EP=GT013**

- 48 6NYCRR 227-2.4: Compliance Certification

**EU=U-GT014**

- 49 6NYCRR 227.2(b)(1): Compliance Certification

**EU=U-GT014,EP=GT014**

- 50 6NYCRR 227-2.4: Compliance Certification
- 51 6NYCRR 227-2.4: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 52 ECL 19-0301: Contaminant List
- 53 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 54 6NYCRR 211.2: Air pollution prohibited
- 55 6NYCRR 237-1.4(a): Applicable Facility, with a unit of a capacity of 25 MWe or greater
- 56 6NYCRR 237-1.6(a): Permit Requirements
- 57 6NYCRR 237-1.6(c): Compliance Demonstration
- 58 6NYCRR 237-1.6(e): Recordkeeping and Reporting Requirements
- 59 6NYCRR 237-1.6(f): Liability- facility no common stacks



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- 60 6NYCRR 237-1.6(g): Effect on other Authorities
- 61 6NYCRR 237-2: Authorization and responsibilities of the NOx authorized account representative
- 62 6NYCRR 237-4.1: Compliance Demonstration
- 63 6NYCRR 237-7.1: Submission of NOx allowance transfers
- 64 6NYCRR 237-8: Compliance Demonstration

**Emission Unit Level**

**EU=U-GT007,EP=GT007,Proc=P28**

- 65 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT007,EP=GT007,Proc=P29**

- 66 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT008,EP=GT008,Proc=P31**

- 67 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT008,EP=GT008,Proc=P32**

- 68 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT009,EP=GT009,Proc=P34**

- 69 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT009,EP=GT009,Proc=P35**

- 70 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT013,EP=GT013,Proc=P37**

- 71 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT013,EP=GT013,Proc=P38**

- 72 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT014,EP=GT014,Proc=P40**

- 73 6NYCRR 225-1.2(a)(2): Compliance Demonstration

**EU=U-GT014,EP=GT014,Proc=P41**

- 74 6NYCRR 225-1.2(a)(2): Compliance Demonstration



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: 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**

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

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

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

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

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

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

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

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

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

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

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

(4) The facility owner and/or operator notified the



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

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

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

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

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

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

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

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

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

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

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



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

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

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

**Item K: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Item L: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Item M: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit

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renewal application.

**Item N: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**Item O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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

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

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

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

Upon presentation of credentials and other documents, as

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

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

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

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

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

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

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive

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or corrective measures adopted.

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

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

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

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

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



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contributing to such pollution;

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

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

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

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

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

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

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

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

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

Proceedings to reopen and issue Title V facility permits



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

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

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

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

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

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

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

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

**Item BB: Permit Exclusion - ECL 19-0305**

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

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

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

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

**FEDERAL APPLICABLE REQUIREMENTS**

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

**Condition 1: Emission Unit Definition  
Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 1.1:**

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

Emission Unit: U-GT007

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE PROVIDING GENERATION CAPACITY, AS REQUIRED, TO SUPPORT THE LONG ISLAND DISTRIBUTION SYSTEM. INLET FOGGING IS INSTALLED AND MAY BE UTILIZED TO REDUCE NO<sub>x</sub> FORMATION.

Building(s): TURBINEBLD

**Item 1.2:**

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

Emission Unit: U-GT008

Emission Unit Description:

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THIS UNIT IS A COMBUSTION TURBINE PROVIDING GENERATION CAPACITY, AS REQUIRED, TO SUPPORT THE LONG ISLAND DISTRIBUTION SYSTEM. INLET FOGGING IS INSTALLED AND MAY BE UTILIZED TO REDUCE NO<sub>x</sub> FORMATION.

Building(s): TURBINEBLD

**Item 1.3:**

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

Emission Unit: U-GT009

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE PROVIDING GENERATION CAPACITY, AS REQUIRED, TO SUPPORT THE LONG ISLAND DISTRIBUTION SYSTEM. INLET FOGGING IS INSTALLED AND MAY BE UTILIZED TO REDUCE NO<sub>x</sub> FORMATION.

Building(s): TURBINEBLD

**Item 1.4:**

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

Emission Unit: U-GT013

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE PROVIDING GENERATION CAPACITY, AS REQUIRED, TO SUPPORT THE LONG ISLAND ELECTRIC DISTRIBUTION SYSTEM.

Building(s): CT1

**Item 1.5:**

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

Emission Unit: U-GT014

Emission Unit Description:

THIS UNIT IS A COMBUSTION TURBINE PROVIDING GENERATION CAPACITY, AS REQUIRED, TO SUPPORT THE LONG ISLAND ELECTRIC DISTRIBUTION SYSTEM.

Building(s): CT2

**Condition 2: Electric output limitation**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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



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**Item 2.1:**

The combined generation of GT007, GT008 and GT009 shall not exceed 1,197,190 MW hrs per year. This is a negotiated capacity of these units. Records shall be kept to demonstrate compliance with the electric output limitation, for at least five years and made available to NYSDEC representatives upon request.

**Condition 3: Recordkeeping and reporting of compliance monitoring**  
Effective between the dates of 09/08/2004 and 09/07/2009

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

**Item 3.1:**

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

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

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

**Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.**  
Effective between the dates of 09/08/2004 and 09/07/2009

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

**Item 4.1:**

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

**Condition 5: Compliance Certification**  
Effective between the dates of 09/08/2004 and 09/07/2009

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

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

(3) For all other deviations from permit requirements,

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the report shall be contained in the 6 month monitoring report required above.

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

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2005.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

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

**Item 6.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;

- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and

- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

NYSDEC  
SUNY Campus



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Building 40  
Stony Brook, NY 11790-2356

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2005.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

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

**Item 7.2:**  
Compliance Certification shall include the following monitoring:

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

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

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 8.1:**  
(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and



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(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

**Condition 9: Permit requirements.**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 204-1.6**

**Item 9.1:** The NOx authorized account representative of each NOx budget unit shall submit to the Department a complete NOx Budget permit application (as defined under Section 204-3.3) by May 1, 2002 or 12 months before the date on which the NOx Budget unit commences operation.

**Condition 10: Submissions to the Department.**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 10.1:** Each submission under the NOx Budget Trading Program shall be submitted, signed and certified by the NOx authorized account representative for each NOx Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph 204-2.4(a)(4)) by the NOx authorized account representative.

**Condition 11: Contents of reports and compliance certifications.**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 11.1:** The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

(1) Identification of each NOx Budget unit; and

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

(i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;

(ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;



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(iii) Whether all the NO<sub>x</sub> emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;

(iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and

(v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

**Condition 12: Discretionary report contents.**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 12.1:** At the NO<sub>x</sub> authorized account representative's option the following may be included in the compliance certification report:

- (1) The serial numbers of the NO<sub>x</sub> allowances that are to be deducted from each unit's compliance account under Section 204-6.5 for the control period; and
- (2) For units sharing a common stack and having NO<sub>x</sub> emissions that are not monitored separately or apportioned in accordance with Subpart 204-8, the percentage of NO<sub>x</sub> allowances that is to be deducted from each unit's compliance account under Subdivision 204-6.5(e).

**Condition 13: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 13.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 13.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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units.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 14: Submission of NO<sub>x</sub> allowance transfers.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 14.1:** The NO<sub>x</sub> authorized account representatives seeking recordation of a NO<sub>x</sub> allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NO<sub>x</sub> allowance transfer shall include the following elements in a format specified by the Administrator:

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

**Condition 15: General provisions.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 15.1:** The owners and operators, and to the extent applicable, the NO<sub>x</sub> authorized account representative of a NO<sub>x</sub> Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NO<sub>x</sub> Budget unit," "NO<sub>x</sub> authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

**Condition 16: Prohibitions.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 16.1:** No owner or operator of a NO<sub>x</sub> Budget unit or a non-NO<sub>x</sub> Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:

- (1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;
- (2) operate the unit so as to discharge, or allow to be discharged, NO<sub>x</sub> emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74;
- (3) disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NO<sub>x</sub> mass emissions



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discharged into the atmosphere, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and

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

- (i) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the Department for use at that unit that provides emission data for the same pollutant or parameter as the discontinued monitoring system; or
- (ii) The NO<sub>x</sub> authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

**Condition 17: Requirements for recertification of monitoring systems.  
Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 204-8.2**

**Item 17.1:** Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system that the Administrator or the Department determines significantly affects the ability of the system to accurately measure or record NO<sub>x</sub> mass emissions or heat input or to meet the requirements of 40 CFR 75.21 or Appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system according to 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that the Administrator or the Department determines to significantly change the flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system according to 40 CFR 75.20(b). Examples of changes which require recertification include: replacement of the analyzer, change in location or orientation of the sampling probe or site, or changing of flow rate monitor polynomial coefficients.

**Condition 18: Compliance Certification  
Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 204-8.2**

**Item 18.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 18.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a NO<sub>x</sub> Budget unit under paragraphs (b)(2) or (b)(3) of this section must determine, record and report NO<sub>x</sub> mass, heat input (if



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required for purposes of allocations) and any other values required to determine NO<sub>x</sub> Mass (e.g. NO<sub>x</sub> emission rate and heat input or NO<sub>x</sub> concentration and stack flow) using the provisions of 40 CFR 75.70(g), from the date and hour that the unit starts operating until all required certification tests are successfully completed.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 19: Out of control periods.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 19.1:** Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

**Condition 20: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 20.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 20.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division  
1200 Pennsylvania Avenue  
Washington D.C. 20460

CEM Coordinator  
USEPA-Region 2  
2890 Woodbridge Avenue  
Edison, N.J. 08837

The address for the BCME is as follows:

NYSDEC  
Bureau of Compliance Monitoring and Enforcement  
625 Broadway, 2nd Floor  
Albany N.Y. 12233-3258

AAR changes should be sent to the attention of:

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

The address for the RAPCE is as follows:

NYS SUNY  
Building 40  
Stony Brook, NY 11790-2356

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 21: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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



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**Item 21.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 21.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a unit that elects to monitor and report NO<sub>x</sub> Mass emissions using a NO<sub>x</sub> concentration system and a flow system shall also monitor and report heat input at the unit level using the procedures set forth in 40 CFR Part 75.

Monitoring Frequency: HOURLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 22: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 225-1.2(a)(1)**

**Item 22.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 22.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person at a Title V facility will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the SIP (Part 225-1, Table 1) limitation. This SIP limitation is a federally enforceable. **\*\*NOTE\*\*** If the sulfur-in-fuel limitation contained in Part 225-1, Table 2 is more stringent, then this limitation shall be used for compliance by the New York State Department of Environmental Conservation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT



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**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

Upper Permit Limit: 1 percent by weight

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2**

**Item 23.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 23.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with the requirements of 6NYCRR Part 227-2 is assured on a system wide basis using NO<sub>x</sub> RACT Compliance Plan approved by the NYS Department of Environmental Conservation.

Reference Test Method: 40CFR60 APP B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 24: Minimum requirements.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 24.1:**

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

**Condition 25: Accidental release provisions.**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**New York State Department of Environmental Conservation**

Permit ID: 1-4722-00108/00020

Facility DEC ID: 1472200108



**Applicable Federal Requirement: 40CFR 68**

**Item 25.1:**

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

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

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

**Condition 26: Recycling and Emissions Reduction**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 26.1:**

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

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

**Condition 27: Emission Point Definition By Emission Unit**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 27.1:**

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

Emission Unit: U-GT007

Emission Point: GT007

Height (ft.): 70

Length (in.): 206

Width (in.): 218



**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

NYTMN (km.): 4535.824 NYTME (km.): 679.433 Building: TURBINEBLD

**Item 27.2:**

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

Emission Unit: U-GT008

Emission Point: GT008

Height (ft.): 70

Length (in.): 206

Width (in.): 218

NYTMN (km.): 4535.824 NYTME (km.): 679.433 Building: TURBINEBLD

**Item 27.3:**

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

Emission Unit: U-GT009

Emission Point: GT009

Height (ft.): 70

Length (in.): 206

Width (in.): 218

NYTMN (km.): 4535.824 NYTME (km.): 679.433 Building: TURBINEBLD

**Item 27.4:**

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

Emission Unit: U-GT013

Emission Point: GT013

Height (ft.): 45

Length (in.): 384

Width (in.): 144

NYTMN (km.): 4535.824 NYTME (km.): 679.433 Building: CT1

**Item 27.5:**

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

Emission Unit: U-GT014

Emission Point: GT014

Height (ft.): 45

Length (in.): 177

Width (in.): 137

NYTMN (km.): 4535.824 NYTME (km.): 679.433 Building: CT2

**Condition 28: Process Definition By Emission Unit**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 28.1:**

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

Emission Unit: U-GT007



**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

Process: P28

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE  
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR  
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL  
IS STORED FOR EXTENDED PERIODS, A BIOCIDE  
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES001 - Combustion

Design Capacity: 1,425 million Btu per hour

**Item 28.2:**

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

Emission Unit: U-GT007

Process: P29

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE  
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR  
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL  
IS STORED FOR EXTENDED PERIODS, A BIOCIDE  
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES001 - Combustion

Design Capacity: 1,425 million Btu per hour

**Item 28.3:**

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

Emission Unit: U-GT008

Process: P31

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE  
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR  
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL  
IS STORED FOR EXTENDED PERIODS, A BIOCIDE  
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES002 - Combustion

Design Capacity: 1,425 million Btu per hour

**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**



**Item 28.4:**

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

Emission Unit: U-GT008

Process: P32

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES002 - Combustion

Design Capacity: 1,425 million Btu per hour

**Item 28.5:**

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

Emission Unit: U-GT009

Process: P34

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES003 - Combustion

Design Capacity: 1,164 million Btu per hour

**Item 28.6:**

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

Emission Unit: U-GT009

Process: P35

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**



Emission Source/Control: ES003 - Combustion  
Design Capacity: 1,164 million Btu per hour

**Item 28.7:**

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

Emission Unit: U-GT013

Process: P37

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE  
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR  
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL  
IS STORED FOR EXTENDED PERIODS, A BIOCID  
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES004 - Combustion  
Design Capacity: 843 million Btu per hour

**Item 28.8:**

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

Emission Unit: U-GT013

Process: P38

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE  
MAY BE MIXED WITH THE DISTILLATE OIL PRIOR  
TO COMBUSTION. IN ADDITION, WHEN FUEL OIL  
IS STORED FOR EXTENDED PERIODS, A BIOCID  
MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES004 - Combustion  
Design Capacity: 843 million Btu per hour

**Item 28.9:**

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

Emission Unit: U-GT014

Process: P40

Source Classification Code: 2-01-009-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #1  
DISTILLATE OIL IN A COMBUSTION TURBINE. IN  
ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE



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MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES005 - Combustion

Design Capacity: 281 million Btu per hour

**Item 28.10:**

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

Emission Unit: U-GT014

Process: P41

Source Classification Code: 2-01-001-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF #2 DISTILLATE OIL IN A COMBUSTION TURBINE. IN ORDER TO IMPROVE COMBUSTION A FUEL ADDITIVE MAY BE MIXED WITH THE DISTILLATE OIL PRIOR TO COMBUSTION. IN ADDITION, WHEN FUEL OIL IS STORED FOR EXTENDED PERIODS, A BIOCIDES MAY BE ADDED TO PREVENT FOULING.

Emission Source/Control: ES005 - Combustion

Design Capacity: 281 million Btu per hour

**Condition 29: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 29.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**



Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 30.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide is limited to 10 ppm, 0.024 lb/mmBtu, or 19.7 lb/hr, whichever is more stringent. Intermittent



**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

testing is conducted to verify the emission rate, while water injection into the combustion turbine is monitored and controlled to limit carbon monoxide. The upper and lower water to fuel ratio is based on intermittent testing and can change to reflect these results. The ratio also changes as load varies.

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

Reference Test Method: 40CFR 60 Method 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 31: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 31.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 31.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulates are limited to 0.012 lb/mmBtu, or 10.2 lb/hr.

Upper Permit Limit: 0.012 pounds per million Btus

Reference Test Method: 40CFR 60 Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 32: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2.4**



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**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

**Item 32.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007 Emission Point: GT007

Regulated Contaminant(s):

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

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX RACT COMPLIANCE IS MAINTAINED IN ACCORDANCE WITH THE NYSDEC APPROVED SYSTEM-WIDE NOX RACT COMPLIANCE PLAN. INLET WATER FOGGING IS INSTALLED AND MAY BE UTILIZED AT MAXIMUM LOAD TO REDUCE NO<sub>x</sub> FORMATION.

Manufacturer Name/Model Number: TECO 42C

Reference Test Method: 40CFR60 Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 33: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.332, NSPS Subpart GG**

**Item 33.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007 Emission Point: GT007

Regulated Contaminant(s):

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

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



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**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

This facility monitors NO<sub>x</sub> emission using a continuous emission monitor (CEM) to insure compliance with this regulatory requirement.

Manufacturer Name/Model Number: TECO 42C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 70.3 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40CFR Part 75  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2004.  
Subsequent reports are due every 3 calendar month(s).

**Condition 34: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 34.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT007 Emission Point: GT007

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

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:  
THIS UNIT IS RESTRICTED TO BURNING LOW SULFUR FUEL IN ORDER TO LIMIT SO<sub>2</sub> EMISSIONS. ALL FUEL IS PURCHASED ON SPECIFICATION. SOURCE TANK TO BE VERIFIED IN COMPLIANCE WITH LIMIT. DELIVERIES MAY CONTINUE UNTIL FUEL IS ADDED.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.8 percent by weight  
Reference Test Method: ASTM D-4294



**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 35: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 35.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

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**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**



Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.10 pounds per million Btus  
Reference Test Method: EPA RM 5  
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 36: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 36.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008

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

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
Particulates are limited to 0.012 lb/mmBtu, or 10.2 lb/hr.

Upper Permit Limit: 0.012 pounds per million Btus  
Reference Test Method: 40CFR 60 method 5  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 37: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008

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

**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**



**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide is limited to 10 ppm, 0.024 lb/mmBtu, or 19.7 lb/hr, whichever is more stringent. Intermittent testing is conducted to verify the emission rate, while water injection into the combustion turbine is monitored and controlled to limit carbon monoxide. The upper and lower water to fuel ratio is based on intermittent testing and can change to reflect these results. The ratio also changes as load varies.

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

Reference Test Method: 40CGR 60 Method 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 38: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008 Emission Point: GT008

Regulated Contaminant(s):

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

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX RACT COMPLIANCE IS MAINTAINED IN ACCORDANCE WITH THE NYSDEC APPROVED SYSTEM-WIDE NOX RACT COMPLIANCE PLAN.

Reference Test Method: 49 CFR60 APP B

Monitoring Frequency: CONTINUOUS



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**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 39: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.332, NSPS Subpart GG**

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008 Emission Point: GT008

Regulated Contaminant(s):

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

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This facility monitors NO<sub>x</sub> emission using a continuous emission monitor (CEM) to insure compliance with this regulatory requirement.

Manufacturer Name/Model Number: TECO 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 70.3 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40CFR60 APP A

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 40: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 40.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 1-4722-00108/00020**

**Facility DEC ID: 1472200108**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT008 Emission Point: GT008

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW SULFUR FUEL IN ORDER TO LIMIT SO<sub>2</sub> EMISSIONS. ALL FUEL IS PURCHASED ON SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 41: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this



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stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 42: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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**Monitoring Description:**

Particulates are limited to 0.012 lb/mmBtu, or 10.2 lb/hr.

Upper Permit Limit: 0.012 pounds per million Btus

Reference Test Method: 40CFR 60 Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 43: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide is limited to 10 ppm, 0.024 lb/mmBtu, or 19.7 lb/hr, whichever is more stringent. Intermittent testing is conducted to verify the emission rate, while water injection into the combustion turbine is monitored and controlled to limit carbon monoxide. The upper and lower water to fuel ratio is based on intermittent testing and can change to reflect these results. The ratio also changes as load varies.

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

Reference Test Method: 40CFR 60 Method 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 44: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009 Emission Point: GT009

Regulated Contaminant(s):

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

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX RACT COMPLIANCE IS MAINTAINED IN  
ACCORDANCE WITH THE NYSDEC APPROVED  
SYSTEM-WIDE NOX RACT COMPLIANCE PLAN.

Reference Test Method: 40CFR60 APP B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.332, NSPS Subpart GG**

**Item 45.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009 Emission Point: GT009

Regulated Contaminant(s):

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

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



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This facility monitors NO<sub>x</sub> emission using a continuous emission monitor (CEM) to insure compliance with this regulatory requirement.

Manufacturer Name/Model Number: TECO 42C  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 70.3 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR Part 75  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2004.  
Subsequent reports are due every 3 calendar month(s).

**Condition 46: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 46.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT009 Emission Point: GT009

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

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:  
THIS UNIT IS RESTRICTED TO BURNING LOW SULFUR FUEL IN ORDER TO LIMIT SO<sub>2</sub> EMISSIONS. ALL FUEL IS PURCHASED ON SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.8 percent by weight  
Reference Test Method: ASTM D-4294  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

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TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 47: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT013

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus



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Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 48: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT013 Emission Point: GT013

Regulated Contaminant(s):

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

**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX RACT COMPLIANCE IS MAINTAINED IN  
ACCORDANCE WITH THE NYSDEC APPROVED  
SYSTEM-WIDE NOX RACT COMPLIANCE PLAN.

Reference Test Method: 40CFR60 APP B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 49: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT014

Regulated Contaminant(s):

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**Facility DEC ID: 1472200108**



CAS No: 0NY075-00-0 PARTICULATES

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 50: Compliance Certification**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT014 Emission Point: GT014

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Regulated Contaminant(s):

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

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NOX RACT COMPLIANCE IS MAINTAINED IN ACCORDANCE WITH THE NYSDEC APPROVED SYSTEM-WIDE NOX RACT COMPLIANCE PLAN. (THIS EMISSION UNIT IS CAPPED AT 25 TONS OF NOX PER YEAR.)

Reference Test Method: 40CFR60 APP B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2004.

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

**Condition 51: Compliance Certification**

**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT014 Emission Point: GT014

Regulated Contaminant(s):

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

**Item 51.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Oxides of Nitrogen, NOx emissions are limited to 40 tons per year for this unit.

Manufacturer Name/Model Number: NA



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Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 40 tons per year  
Reference Test Method: NA  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2005.  
Subsequent reports are due every 12 calendar month(s).



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 52: Contaminant List**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 52.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this



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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 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 53: Unavoidable noncompliance and violations**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 53.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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



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

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

(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 54: Air pollution prohibited**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 54.1:**

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

**Condition 55: Applicable Facility, with a unit of a capacity of 25 MWe or greater**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 55.1:**

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

**Condition 56: Permit Requirements**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 56.1:**



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The NO<sub>x</sub> authorized account representative of each NO<sub>x</sub> budget unit shall: Submit to the department a complete NO<sub>x</sub> budget permit application under NYCRR 237-3.3 in accordance with the deadlines specified in NYCRR 237-3.2(b); and submit in a timely manner any supplemental information that the department determines is necessary in order to review a NO<sub>x</sub> budget permit application and issue or deny a NO<sub>x</sub> budget permit.

The owners and operators of each NO<sub>x</sub> budget unit shall have a NO<sub>x</sub> budget permit and operate the unit in compliance with such NO<sub>x</sub> budget permit.

**Condition 57: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 57.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 57.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of each NO<sub>x</sub> budget source and each NO<sub>x</sub> budget unit at the source shall hold NO<sub>x</sub> allowances available for compliance deductions under NYCRR 237-6.5, as of the NO<sub>x</sub> allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NO<sub>x</sub> emissions for the control period from the unit, as determined in accordance with NYCRR 237-8.

Each ton of NO<sub>x</sub> emitted in excess of the NO<sub>x</sub> budget emissions limitation shall constitute a separate violation of applicable State law.

A NO<sub>x</sub> budget unit shall be subject to the requirements under NYCRR 237-1.6(c)(1) starting when the unit commences operation.

NO<sub>x</sub> allowances shall be held in, deducted from, or transferred among NO<sub>x</sub> Allowance Tracking System accounts in accordance with NYCRR 237-5, 237-6, 237-7, and 237-9.

Except for future control period NO<sub>x</sub> allowances which may be deducted pursuant to NYCRR 237-6.5(f), a NO<sub>x</sub> allowance shall not be deducted, in order to comply with the



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requirements under NYCRR 237-1.6(c)(1), for a control period in a year prior to the year for which the NO<sub>x</sub> allowance was allocated.

A NO<sub>x</sub> allowance allocated by the department under the Acid Deposition Reduction (ADR) NO<sub>x</sub> Budget Trading Program is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the ADR NO<sub>x</sub> Budget Trading Program. No provision of the ADR NO<sub>x</sub> Budget Trading Program, the NO<sub>x</sub> budget permit application, or the NO<sub>x</sub> budget permit or any provision of law shall be construed to limit the authority of the State to terminate or limit such authorization.

A NO<sub>x</sub> allowance allocated by the department under the ADR NO<sub>x</sub> Budget Trading Program does not constitute a property right.

The owners and operators of a NO<sub>x</sub> budget unit that has excess emissions in any control period shall: Forfeit the NO<sub>x</sub> allowances required for deduction under NYCRR 237-6.5(d)(1); and pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 237-6.5(d)(3).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 58: Recordkeeping and Reporting Requirements  
Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 58.1:**

Unless otherwise provided, the owners and operators of the NO<sub>x</sub> budget source and each NO<sub>x</sub> budget unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department:

- 1) The account certificate of representation for the NO<sub>x</sub> authorized account representative for the source and each NO<sub>x</sub> budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NO<sub>x</sub> authorized account representative.
- 2) All emissions monitoring information, in accordance with NYCRR 237-8.
- 3) Copies of all reports, compliance certifications, and other submissions and all records made or



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required under the ADR NOx Budget Trading Program.

4)Copies of all documents used to complete a NOx budget permit application and any other submission under the ADR NOx Budget Trading Program or to demonstrate compliance with the requirements of the ADR NOx Budget Trading Program.

The NOx authorized account representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the ADR NOx Budget Trading Program, including those under NYCRR 237-4, 237-8, or 237-9.

**Condition 59: Liability- facility no common stacks**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 59.1:**

No permit revision shall excuse any violation of the requirements of the ADR NOx Budget Trading Program that occurs prior to the date that the revision takes effect.

Any provision of the ADR NOx Budget Trading Program that applies to a NOx budget source (including a provision applicable to the NOx authorized account representative of a NOx budget source) shall also apply to the owners and operators of such source and of the NOx budget units at the source.

**Condition 60: Effect on other Authorities**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 60.1:**

No provision of the ADR NOx Budget Trading Program, a NOx budget permit application, or a NOx budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the NOx authorized account representative of a NOx budget source or NOx budget unit from compliance with any other provisions of applicable State and federal law and regulations.

**Condition 61: Authorization and responsibilities of the NOx authorized account representative**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable State Requirement: 6NYCRR 237-2**

**Item 61.1:**

Except as provided under NYCRR 237-2.2, each NOx budget source, including all NOx budget units at the source, shall have one and only one NOx authorized account representative, with regard to all matters under the Acid Deposition Reduction (ADR) NOx Budget Trading Program concerning the source or any NOx budget unit at the source.



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The NOx authorized account representative of the NOx budget source shall be selected by an agreement binding on the owners and operators of the source and all NOx budget units at the source.

Upon receipt by the department or its agent of a complete account certificate of representation under NYCRR 237-2.4, the NOx authorized account representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the NOx budget source represented and each NOx budget unit at the source in all matters pertaining to the ADR NOx Budget Trading Program, not withstanding any agreement between the NOx authorized account representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the NOx authorized account representative by the department or a court regarding the source or unit.

No NOx budget permit shall be issued, and no NOx Allowance Tracking System account shall be established for a NOx budget unit at a source, until the department or its agent has received a complete account certificate of representation under NYCRR 237-2.4 for a NOx authorized account representative of the source and the NOx budget units at the source.

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

The department or its agent will accept or act on a submission made on behalf of owners or operators of a NOx budget source or a NOx budget unit only if the submission has been made, signed, and certified in accordance with NYCRR 237-2.1(e)(1).

**Condition 62: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable State Requirement: 6NYCRR 237-4.1**

**Item 62.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 62.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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**Monitoring Description:**

For each control period in which one or more NOx budget units at a source are subject to the NOx budget emissions limitation, the NOx authorized account representative of the source shall submit to the department by the September 30 following the relevant control period, a compliance certification report for each source covering all such units.

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

- (1) identification of each NOx budget unit;
- (2) except in instances when the NOx budget unit seeks to use future control period NOx allowances which may be deducted pursuant to NYCRR 237-6.5(f), at the NOx authorized account representative's option, the serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under NYCRR 237-6.5 for the control period;
- (3) at the NOx authorized account representative's option, for units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with NYCRR 237-8, the percentage of NOx allowances that is to be deducted from each unit's compliance account under NYCRR 237-6.5(e);
- (4) for units using future control period allowances for compliance purposes pursuant to NYCRR 237-6.5(f), the statement of intent and report required under NYCRR 237-6.5(f)(2); and
- (5) the compliance certification under NYCRR 237-4(c).

In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx budget units at the source in compliance with the Acid Deposition Reduction (ADR) NOx Budget Trading Program, whether each NOx budget unit for which the compliance certification is submitted

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was operated during the calendar year covered by the report in compliance with the requirements of the ADR NOx Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the NOx budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with NYCRR 237-8;

(c) whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with NYCRR 237-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under NYCRR 237-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under NYCRR 237-8, if any, has changed; and

(e) if a change is required to be reported in (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 63: Submission of NOx allowance transfers  
Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable State Requirement: 6NYCRR 237-7.1**

**Item 63.1:**



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The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the NOx allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each NOx allowance to be transferred; and
- (c) the printed name and signature of the NOx authorized account representative of the transferor account and the date signed.

**Condition 64: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

**Applicable State Requirement: 6NYCRR 237-8**

**Item 64.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 64.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators, and to the extent applicable, the NOx authorized account representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in this NYCRR 237-8 and in Subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 237-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "NOx budget unit," and "NOx authorized account representative," respectively, as defined in section 237-1.2.

For any NOx budget unit which is also a NOx budget unit under Part 204 of this title, prior or contemporaneous timely submissions in compliance with the requirements of Subpart 204-8 may, when appropriate, be summarily referenced by the owners and operators of the NOx budget unit in order to demonstrate compliance with the requirements of this Subpart:



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Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 65: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 65.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT007 Emission Point: GT007  
Process: P28

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

**Item 65.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION. SOURCE TANK TO BE VERIFIED  
IN COMPLIANCE WITH LIMIT. DELIVERIES MAY  
CONTINUE UNTIL FUEL ADDED TO SOURCE  
TANK.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 1 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.25 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 66: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 66.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT007 Emission Point: GT007  
Process: P29

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

**Item 66.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION. SOURCE TANK TO BE VERIFIED  
IN COMPLIANCE WITH LIMIT. DELIVERIES MAY  
CONTINUE UNTIL FUEL IS ADDED TO SOURCE  
TANK.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.25 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 67: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 67.1:**

The Compliance Demonstration activity will be performed for:



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Emission Unit: U-GT008 Emission Point: GT008  
Process: P31

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

**Item 67.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SUFUR FUEL OIL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATIONS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 1 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.25 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 68: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 68.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT008 Emission Point: GT008  
Process: P32

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

**Item 68.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:



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THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO  
LIMIT SO<sub>2</sub> EMISSIONS. ALL FUEL IS  
PURCHASED ON SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.25 percent by weight  
Reference Test Method: ASTM D-4294  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 69: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 69.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT009 Emission Point: GT009  
Process: P34

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

**Item 69.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:  
THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR IN ORDER TO LIMIT SO<sub>2</sub>  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATIONS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 1 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.25 percent by weight  
Reference Test Method: ASTM D-4294  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY



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TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 70: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 70.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT009 Emission Point: GT009  
Process: P35

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

**Item 70.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO LIMIT  
SO<sub>2</sub> EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.25 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 71: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 71.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT013 Emission Point: GT013



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Process: P37

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 71.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW SULFUR FUEL OIL IN ORDER TO LIMIT SO<sub>2</sub> EMISSIONS. ALL FUEL IS PURCHASED ON SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 1 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.0 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 72: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 72.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT013    Emission Point: GT013

Process: P38

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 72.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW



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SULFUR FUEL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 1.0 percent by weight  
Reference Test Method: ASTM D-4294  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 73: Compliance Demonstration**  
**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 73.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT014 Emission Point: GT014  
Process: P40

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

**Item 73.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 1 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 1.0 percent by weight  
Reference Test Method: ASTM D-4294  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)



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**Condition 74: Compliance Demonstration**

**Effective between the dates of 09/08/2004 and 09/07/2009**

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

**Item 74.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GT014 Emission Point: GT014  
Process: P41

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

**Item 74.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THIS UNIT IS RESTRICTED TO BURNING LOW  
SULFUR FUEL IN ORDER TO LIMIT SO2  
EMISSIONS. ALL FUEL IS PURCHASED ON  
SPECIFICATION.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.0 percent by weight

Reference Test Method: ASTM D-4294

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY