

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 1282400947**



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

**IDENTIFICATION INFORMATION**

Permit Type: Title V Facility Permit  
Permit ID: 1-2824-00947/00004  
Effective Date: 10/27/1998 Expiration Date: 10/27/2003

Permit Issued To: TBG COGEN PARTNERS  
939 SOUTH BROADWAY  
HICKSVILLE, NY 11801-5032

Facility: TBG COGEN  
939 SOUTH BROADWAY  
HICKSVILLE, NY 11801-5032

Contact: TBG COGEN PARTNERS  
939 SOUTH BROADWAY  
HICKSVILLE, NY 11801-5032

**Description:**

TBG Cogeneration is a dual fired combined cycle cogeneration facility consisting of two combustion turbines and associated heat recovery steam generators. TBG generates electricity and steam for sale.

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: GEORGE W. HAMMARTH  
SUNY CAMPUS, LOOP ROAD, BUILDING 40  
STONY BROOK, NY 11790-2356

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



**Notification of Other Permittee Obligations**

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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

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**

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**General Provisions**

Facility Inspection by the Department

Orders and Determinations

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**Facility Level**

Permit Renewal-REGION 1

HEADQUARTERS



**DEC GENERAL CONDITIONS**

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

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 3-0301.2(g)**

**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. Failure to produce a copy of the permit ion of this permit.

**ment 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(a)**

**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.

**d 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. The grounds for

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modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

**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  
(516) 444-0365



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

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

**IDENTIFICATION INFORMATION**

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Contact: TBG COGEN PARTNERS  
939 SOUTH BROADWAY  
HICKSVILLE, NY 11801-5032

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

Permit Effective Date: 10/27/1998

Permit Expiration Date: 10/27/2003



**LIST OF CONDITIONS**

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- 75 Compliance Certification (EU=U-00001,Proc=TGB)
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**STATE ONLY ENFORCEABLE CONDITIONS**

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**Facility Level**

85 General Provisions: Facilities Subject to Subparts 201-5 and 201-6

86 Air pollution prohibited

87 Diesel truck opacity limitation

88 Idling of diesel trucks limited



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**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 1: Sealing**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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.

**Condition 3: Maintenance of equipment**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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



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**Condition 4: Contaminant List**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 201-1.1(a)**

**Item 4.1:**

Emissions of the following contaminants are allowed under this permit.

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-96-5

Name: MANGANESE

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007723-14-0

Name: PHOSPHORUS (YELLOW)

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

**Item 4.2:**

The Facility is authorized to emit the regulated contaminants cited in Item 4.1 from the emission units specified in this permit.



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**Condition 5: Unpermitted Emission Sources**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 5.1:**

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.

**Condition 6: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 6.1:**

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 or certificate issued for the corresponding air contamination source. 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.



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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.

**Condition 7: Emergency Defense**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 7.1:**

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

**Condition 8: Recycling and Salvage**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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



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**Item 8.1:**

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

**Condition 9: Prohibition of Reintroduction of Collected Contaminants to the Air**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 9.1:**

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

**Condition 10: Public Access to Recordkeeping for Title V facilities**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 201-1.10(b)**

**Item 10.1:**

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.

**Condition 11: Proof of Eligibility**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 11.1:**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 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.

**Condition 12: Proof of Eligibility**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 12.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part



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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.

**Condition 13: Applicable Criteria, Limits, Terms, Conditions and Standards**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 13.1:**

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any permit noncompliance constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

**Item 13.2:**

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 14: Cessation or Reduction of Permitted Activity Not a Defense**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 14.1:**

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.

**Condition 15: Compliance Requirements**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

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**Item 15.1:**

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 the responsible official, consistent with Section 201-6.3 of Part 201.

**Item 15.2:**

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

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
  - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. All compliance certifications shall be submitted to the Administrator as well as to the Department.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of the effective date of this permit.

**Item 15.3:**

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

**Item 15.4:**



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

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

**Condition 16: Federally-Enforceable Requirements**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 16.1:**

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.

**Condition 17: Fees**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 17.1:**

The permittee shall pay the required fees associated with this permit.

**Condition 18: Monitoring, Related Recordkeeping and Reporting Requirements**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 18.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, 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.

**Item 18.2:**

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



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- i. Submit reports of any required monitoring at least every 6 months after the date of permit issuance. 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.
- ii. Report promptly (as prescribed under Section 201-1.4 of Part 201) to the Department:
  - deviations from permit requirements, including those attributable to upset conditions,
  - the probable cause of such deviations, and
  - any corrective actions or preventive measures taken.
- iii. The permittee must, in the event that emissions of air contaminants exceeding any air emission standard under 6 NYCRR Chapter III occur due to an emergency, comply with the reporting requirements of section 201-1.4 and subdivision 201-6.6(c) of 6 NYCRR Part 201 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. Facilities desiring an affirmative defense for non-compliance with any applicable requirement due to an emergency shall follow the requirements established under the general provisions of Part 201.
- iv. Except where the owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, reports on equipment maintenance or start-up/shutdown for the facility need not be submitted to the commissioner's representative unless requested by the Department or required elsewhere in this permit.

**Condition 19: Permit Conditions - 40 CFR Part 82, Subpart F -  
Protection of Stratospheric Ozone  
Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 19.1:**

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

**Condition 20: Permit Revocation, Modification, Reopening, Reissuance or  
Termination, and Associated Information Submission  
Requirements  
Effective between the dates of 10/27/1998 and 10/27/2003**

**New York State Department of Environmental Conservation**

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

**Item 20.1:**

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 relieve the permittee from the requirement to comply with any condition contained in this permit.

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.

**Condition 21: Permit Shield**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 21.1:**

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Condition 22: Property Rights**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**New York State Department of Environmental Conservation**

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**Facility DEC ID: 1282400947**



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

**Item 22.1:**

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

**Condition 23: Reopening for Cause**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 23.1:**

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.

**Item 23.2:**

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

**Item 23.3:**

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.

**Condition 24: Right to Inspect**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 24.1:**

Upon presentation of credentials and other documents, as may be required by law, the permittee shall



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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.

**Condition 25: Severability**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 25.1:**

If any federally-enforceable 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.

**Condition 26: Emission Unit Definition**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 26.1:**

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

Emission Unit: U-00001

Emission Unit Description:

TWO IDENTICAL GE MODEL LM2500 PE GAS  
TURBINES AND ASSOCIATED HRSG WITH DUCT  
BURNERS. THE GAS TURBINES MAY FIRE NATURAL  
GAS, DISTILLATE OIL, OR MIXED FUEL

ab(GAS/OIL). EACH HRSG ON EACH GAS TURBINE  
INCLUDES A DUCT BURNER FOR SUPPLEMENTAL  
FIRING ON NATURAL GAS ONLY. THE TURBINES  
MAY OPERATE WITH OR WITHOUT THE DUCT  
BURNERS. EACH TURBINE/HRSG COMBUSTION UNIT  
HAS A MAXIMUM HEAT INPUT OF 416 MMBTU/HR.  
THE TOTAL HEAT INPUT FOR THE EMISSION UNIT  
IS 832 MMBTU/HR. THERE ARE TWO EMISSION  
POINTS FOR THIS EMISSION UNIT CONSISTING OF  
ONE STACK FOR EACH COMBUSTION TURBINE/HRSG  
COMBUSTION UNIT.

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Building(s): 1

**Condition 27: Required emissions tests**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 27.1:**

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.

**Condition 28: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 YEAR)

Reports due by April 15th for previous calendar year

**Condition 29: Recordkeeping requirements**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 29.1:**

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

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



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

**Condition 30: Visible emissions limited.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 30.1:**

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

**Condition 31: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 215.**

**Item 31.1:**

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.

**Condition 32: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 225-1.2**

**Item 32.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL OIL USED AT THIS FACILITY SHALL NOT CONTAIN MORE THAN 0.37% SULFUR BY WEIGHT. THE SULFUR CONTENT IS SAMPLED AND ANALYZED IN ACCORDANCE WITH PROCEDURES, METHODS, AND FREQUENCIES ESTABLISHED IN 40 CFR 60.334(B) AND 40 CFR 60.335.



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**Facility DEC ID: 1282400947**

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Limit of Monitoring: 0.37 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 33: Sulfur dioxide control techniques.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 33.1:**

The control techniques for SO<sub>2</sub> specified in ECL section 19-0909 (State Acid Deposition Control Act) are allowable to comply with the limits in Tables 2 and 3 of this regulation.

**Condition 34: Temporary variances.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 225-1.4**

**Item 34.1:**

Upon application from a contamination source or fuel supplier the commissioner may grant a temporary variance from the sulfur dioxide limits. The requirements and conditions of any variance from the sulfur-in-fuel limitations of this Subpart (225-1) are listed in this section (225-1.4).

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**Condition 35: General variance for equivalent emission rates.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 225-1.5(b)**

**Item 35.1:**

The commissioner may grant a variance based on an equivalent lb/mmBtu emission rate for sulfur dioxide.

**Condition 36: General variance for sulfur dioxide reduction experiments.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 225-1.5(c)**

**Item 36.1:**

The commissioner may allow the purchase, sale, or use of higher than standard sulfur fuel for use in



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experimental equipment for reducing sulfur dioxide emissions.

**Condition 37: Corrective action.**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 37.1:**

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

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

**Condition 38: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 38.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FUEL OIL CONSUMPTION IS LIMITED TO A ROLLING ANNUAL AVERAGE OF 11.1 MILLION GALLONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Limit of Monitoring: 11100000.0 gallons per year

Reference Test Method: NA

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 39: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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



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**Item 39.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL OIL USED AT THIS FACILITY SHALL NOT CONTAIN MORE THAN 0.37% SULFUR BY WEIGHT. THE SULFUR CONTENT IS SAMPLED AND ANALYZED IN ACCORDANCE WITH PROCEDURES, METHODS, AND FREQUENCIES ESTABLISHED AT 40 CFR 60.334(B) AND 40 CFR 60.335.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 0.37 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 40: Minimum requirements.**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 40.1:**

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 41: EPA Region 2 address.**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 41.1:**



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

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

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

NYSDEC  
Bureau of Enforcement and Compliance Assurance  
50 Wolf Road  
Albany, NY 12233-3254

**Condition 42: Reconstruction**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 42.1:**

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

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

**Condition 43: Class I/II recycling and emission reduction - required**



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**practices**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 82.156, Subpart F**

**Item 43.1:**

Facilities disposing of appliances, except for small appliances and mechanical vapor compression open vapor compression appliances, must comply with the provisions of this section.

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

**Condition 44: Emission Point Definition By Emission Unit**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 44.1:**

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 100

Diameter (in.): 79

NYTMN (km.): 4511.423 NYTME (km.): 628.233 Building: 1

Emission Point: 00003

Height (ft.): 100

Diameter (in.): 79

NYTMN (km.): 4511.423 NYTME (km.): 628.233 Building: 1

**Condition 45: Process Definition By Emission Unit**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 45.1:**

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

Emission Unit: U-00001

Process: DBG

Source Classification Code: 1-03-006-01

Process Description:

TWO DUCT BURNERS, ONE ON EACH HRSG, FIRING NATURAL GAS WITHOUT OPERATION OF THE TURBINES. THIS PROCESS IS PROVIDED TO IDENTIFY THE EMISSION LIMIT FOR THE DUCT BURNERS. THE DUCT BURNERS CANNOT OPERATE WITHOUT THE TURBINES.

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Emission Source/Control: 000DB - Combustion

Design Capacity: 162 million Btu per hour

**Item 45.2:**

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

Emission Unit: U-00001

Process: GTG

Source Classification Code: 2-03-002-03

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES  
FIRING NATURAL GAS WITHOUT SUPPLEMENTAL  
FIRING OF THE DUCT BURNER. NOX EMISSIONS  
ARE CONTROLLED WITH STEAM INJECTION AND CO  
EMISSIONS ARE CONTROLLED WITH A CATALYTIC  
OXIDATION UNIT.

Emission Source/Control: 000GT - Combustion

Design Capacity: 254 million Btu per hour

**Item 45.3:**

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

Emission Unit: U-00001

Process: GTM

Source Classification Code: 2-03-002-03

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES  
FIRING MIXED FUEL (NATURAL GAS AND  
DISTILLATE OIL) WITH OR WITHOUT  
SUPPLEMENTAL FIRING OF THE DUCT BURNER ON  
GAS. NOX IS CONTROLLED BY STEAM INJECTION  
AND CO IS CONTROLLED WITH A CATALYTIC  
OXIDATION UNIT.

Emission Source/Control: 000DB - Combustion

Design Capacity: 162 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 254 million Btu per hour

**Item 45.4:**

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

Emission Unit: U-00001

Process: GTO

Source Classification Code: 2-03-001-02

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES  
FIRING OIL WITHOUT SUPPLEMENTAL FIRING OF



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THE DUCT BURNER. NOX EMISSIONS ARE CONTROLLED WITH STEAM INJECTION AND CO EMISSIONS ARE CONTROLLED WITH A CATALYTIC OXIDATION UNIT.

Emission Source/Control: 000GT - Combustion  
Design Capacity: 254 million Btu per hour

**Item 45.5:**

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

Emission Unit: U-00001

Process: TGB

Source Classification Code: 2-03-002-03

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES FIRING NATURAL GAS WITH SUPPLEMENTAL FIRING OF THE DUCT BURNER ON GAS. NOX EMISSIONS ARE CONTROLLED BY STEAM INJECTION AND CO EMISSIONS ARE CONTROLLED WITH A CATALYTIC OXIDATION UNIT.

Emission Source/Control: 000DB - Combustion  
Design Capacity: 162 million Btu per hour

Emission Source/Control: 000GT - Combustion  
Design Capacity: 254 million Btu per hour

**Item 45.6:**

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

Emission Unit: U-00001

Process: TOB

Source Classification Code: 2-03-001-02

Process Description:

TWO IDENTICAL GE COMBUSTION TURBINES FIRING OIL WITH SUPPLEMENTAL FIRING OF THE DUCT BURNER ON GAS. NOX EMISSIONS ARE CONTROLLED BY STEAM INJECTION AND CO EMISSIONS ARE CONTROLLED WITH A CATALYTIC OXIDATION UNIT.

Emission Source/Control: 000DB - Combustion  
Design Capacity: 162 million Btu per hour

Emission Source/Control: 000GT - Combustion  
Design Capacity: 254 million Btu per hour

**Condition 46: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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**Applicable Federal Requirement: 6NYCRR 227-1.2(a)(1)**

**Item 46.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

THE PARTICULATE STANDARD IN THIS RULE IS LESS STRINGENT THAN THE PARTICULATE STANDARD CONTAINED IN FACILITY PSD PERMIT. COMPLIANCE WITH PARTICULATE STANDARD WAS DEMONSTRATED USING MANUFACTURER'S SPECIFICATIONS & INITIAL PERFORMANCE TESTS.

Upper Limit of Monitoring: 0.1 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 47: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)(1)**

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 47.2:**

Compliance Certification shall include the following monitoring:



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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THIS OPACITY STANDARD IS  
CONTINUOUS. COMPLIANCE WAS DEMONSTRATED  
WITH A METHOD 9 VISIBLE EMISSION  
OBSERVATION ON 3/12-13/98.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 40.0 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 48: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)(2)**

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THIS OPACITY STANDARD IS  
CONTINUOUS. COMPLIANCE WAS DEMONSTRATED  
WITH A METHOD 9 VISIBLE EMISSION  
OBSERVATION ON 3/12-13/98

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20.0 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 49: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE NON-METHANE  
HYDROCARBON EMISSION LIMIT WAS  
DEMONSTRATED USING MANUFACTURER'S  
SPECIFICATIONS DURING INITIAL PERMITTING  
OF THE PROJECT.

Parameter Monitored: VOC

Upper Limit of Monitoring: 0.025 pounds per million Btus

Reference Test Method: NA

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 50: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Item 50.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE SULFUR DIOXIDE  
EMISSION LIMIT IS DEMONSTRATED THROUGH  
SULFUR MONITORING OF FUEL IN ACCORDANCE  
WITH 40 CFR 60.334 AND 60.335.

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 86.6 pounds per hour

Reference Test Method: ASTM D-4294

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 51: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITORING OF CARBON  
MONOXIDE IS REQUIRED.

Parameter Monitored: CARBON MONOXIDE

Upper Limit of Monitoring: 0.102 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 52: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**



**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 000630-08-0

Name: CARBON MONOXIDE

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE CARBON MONOXIDE CONTROL EQUIPMENT SHALL BE USED WHENEVER THE TURBINES ARE BEING OPERATED. THE CO CATALYST IS INTEGRAL TO THE COMBUSTION UNIT AND BY DESIGN MUST OPERATE WHEN THE TURBINE/HRSG IS ON-LINE.

Reference Test Method: NA

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 53: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE NON-METHANE HYDROCARBON EMISSION LIMIT WAS



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

DEMONSTRATED USING MANUFACTURER'S  
SPECIFICATIONS DURING INITIAL PERMITTING  
OF THE PROJECT.

Parameter Monitored: VOC

Upper Limit of Monitoring: 7.6 pounds per hour

Reference Test Method: NA

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 54: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart Db**

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TBG HAS DEVELOPED AND SUBMITTED TO  
NYSDEC AND USEPA FOR APPROVAL A CUSTOM  
NSPS MONITORING, RECORDKEEPING AND  
REPORTING PLAN PURSUANT TO 40 CFR 60.13i  
TO SIMULTANEOUSLY COMPLY WITH 40 CFR 60  
SUBPARTS DB AND GG.

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Reference Test Method: NA

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 55: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60.332(a)(1), NSPS Subpart GG**

**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**



**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A NOX CEMS IS USED TO DEMONSTRATE  
COMPLIANCE WITH SUBPART GG IN ACCORDANCE  
WITH A CUSTOM NSPS MONITORING,  
RECORDKEEPING AND REPORTING PLAN.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 96.4 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 56: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

A NOX CEMS IS USED TO DEMONSTRATE  
COMPLIANCE WITH SUBPART GG IN ACCORDANCE  
WITH A CUSTOM NSPS MONITORING,  
RECORDKEEPING AND REPORTING PLAN.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Limit of Monitoring: 96.4 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60 APP B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (ANNIVERSARY)  
Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 57: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant:  
CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
A NOX CEMS IS USED TO DEMONSTRATE  
COMPLIANCE WITH SUBPART GG IN ACCORDANCE  
WITH A CUSTOM NSPS MONITORING,  
RECORDKEEPING AND REPORTING PLAN.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Limit of Monitoring: 96.4 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60 APP B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (ANNIVERSARY)  
Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 58: Compliance Certification**



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: DBG

Emission Source: 000DB

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 58.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

THIS LIMIT APPLIES ONLY TO THE DUCT  
BURNER. COMPLIANCE WITH THIS LIMIT WAS  
DEMONSTRATED DURING THE INITIAL  
PERFORMANCE TEST. THE INITIAL TEST REPORT  
WAS SUBMITTED TO NYSDEC FOLLOWING THE  
COMPLETION OF THE PERFORMANCE TEST.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 0.2 pounds per million Btus

Reference Test Method: 40CFR60 METHOD 7

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 59: Standards for Sulphur Dioxide**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 59.1:**

This Condition applies to Emission Unit: U-00001

Process: GTG

**Item 59.2:**

No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains sulphur in excess of 0.8 percent by weight

**Condition 60: Compliance testing requirements.**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**New York State Department of Environmental Conservation**

Permit ID: 1-2824-00947/00004

Facility DEC ID: 1282400947



**Applicable Federal Requirement: 40CFR 60.335, NSPS Subpart GG**

**Item 60.1:**

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

**Item 60.2:**

Compliance testing for NO<sub>x</sub> and SO<sub>2</sub> shall be conducted in accordance with Appendix A and section 40 CFR 60-A.8 of this Part. All emissions testing shall be accurate within + or - 5%.

**Condition 61: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: GTG Emission Source: 000GT

Regulated Contaminant:  
CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:

CONTINUOUS EMISSION MONITORING OF NO<sub>x</sub> IS  
REQUIRED TO DEMONSTRATE COMPLIANCE WITH  
THE NO<sub>x</sub> EMISSION LIMITS ESTABLISHED IN  
THE PSD PERMIT. THESE LIMITS ARE MORE  
STRINGENT THAN THE NSPS LIMITS.  
COMPLIANCE REPORTING IS MADE TO NYSDEC.

Upper Limit of Monitoring: 42.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60 APP B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (ANNIVERSARY)  
Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 62: Compliance Certification**



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTG

Emission Source: 000GT

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 3.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 63: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTG

Emission Source: 000GT

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 0.014 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 64: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTM

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT FOR OIL AND GAS ONLY OPERATION WAS DEMONSTRATED AS PART OF INITIAL PERMITTING. THIS PROPOSED OPERATION ON MIXED FUEL WILL PRODUCE FEWER PARTICULATE EMISSIONS THAN OIL ONLY OPERATION.

Parameter Monitored: PARTICULATES

Upper Limit of Monitoring: 10.0 pounds per hour



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 65: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTM

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH THE NITROGEN OXIDE  
EMISSION LIMIT IS DEMONSTRATED USING A  
CONTINUOUS EMISSION MONITOR.

Upper Limit of Monitoring: 60.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 66: Standards for Sulphur Dioxide**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 66.1:**

This Condition applies to Emission Unit: U-00001

Process: GTM



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

**Item 66.2:**

No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains sulphur in excess of 0.8 percent by weight

**Condition 67: Compliance testing requirements.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60.335, NSPS Subpart GG**

**Item 67.1:**

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

**Item 67.2:**

Compliance testing for NO<sub>x</sub> and SO<sub>2</sub> shall be conducted in accordance with Appendix A and section 40 CFR 60-A.8 of this Part. All emissions testing shall be accurate within + or - 5%.

**Condition 68: Standards for Sulphur Dioxide**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 68.1:**

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

**Item 68.2:**

No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains sulphur in excess of 0.8 percent by weight

**Condition 69: Compliance testing requirements.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60.335, NSPS Subpart GG**

**Item 69.1:**

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

**Item 69.2:**

Compliance testing for NO<sub>x</sub> and SO<sub>2</sub> shall be conducted in accordance with Appendix A and section 40 CFR 60-A.8 of this Part. All emissions testing shall be accurate within + or - 5%.

**Condition 70: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**



**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTO

Emission Source: 000GT

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 0.031 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 71: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTO

Emission Source: 000GT

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 71.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 7.5 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 72: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: GTO

Emission Source: 000GT

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITORING OF NOX IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH THE NOX EMISSION LIMITS ESTABLISHED IN THE PSD PERMIT. THESE LIMITS ARE MORE STRINGENT THAN THE NSPS LIMITS. COMPLIANCE REPORTING IS MADE TO NYSDEC.

Upper Limit of Monitoring: 65.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

Reporting Requirements: QUARTERLY (ANNIVERSARY)  
Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 73: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: TGB

Regulated Contaminant:  
CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITORING OF NOX IS  
REQUIRED TO DEMONSTRATE COMPLIANCE WITH  
THE NOX EMISSION LIMITS ESTABLISHED IN  
THE PSD PERMIT. THESE LIMITS ARE MORE  
STRINGENT THAN THE NSPS LIMITS.  
COMPLIANCE REPORTING IS MADE TO NYSDEC.

Upper Limit of Monitoring: 42.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60 APP B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (ANNIVERSARY)  
Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 74: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: TGB

**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**



Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 0.015 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 75: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: TGB

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

INITIAL TEST REPORT WAS SUBMITTED TO  
NYSDEC FOLLOWING THE COMPLETION OF THE  
PERFORMANCE TEST.

Upper Limit of Monitoring: 5.5 pounds per hour  
Reference Test Method: EPA METHOD 5  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 76: Standards for Sulphur Dioxide**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 76.1:**

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

**Item 76.2:**

No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains sulphur in excess of 0.8 percent by weight

**Condition 77: Compliance testing requirements.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60.335, NSPS Subpart GG**

**Item 77.1:**

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

**Item 77.2:**

Compliance testing for NO<sub>x</sub> and SO<sub>2</sub> shall be conducted in accordance with Appendix A and section 40 CFR 60-A.8 of this Part. All emissions testing shall be accurate within + or - 5%.

**Condition 78: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: TOB



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO NYSDEC FOLLOWING THE COMPLETION OF THE PERFORMANCE TEST.

Upper Limit of Monitoring: 10.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 79: Compliance Certification**

**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 79.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: TOB

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH THE PM/PM10 LIMIT WAS DEMONSTRATED DURING THE INITIAL COMPLIANCE TEST AND THROUGH MANUFACTURER'S SPECIFICATIONS. THE INITIAL TEST REPORT WAS SUBMITTED TO



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

NYSDEC FOLLOWING THE COMPLETION OF THE  
PERFORMANCE TEST.

Upper Limit of Monitoring: 0.025 pounds per million Btus  
Reference Test Method: EPA METHOD 5  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 80: Standards for Sulphur Dioxide**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 80.1:**

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

**Item 80.2:**

No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains sulphur in excess of 0.8 percent by weight

**Condition 81: Compliance testing requirements.**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable Federal Requirement: 40CFR 60.335, NSPS Subpart GG**

**Item 81.1:**

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

**Item 81.2:**

Compliance testing for NO<sub>x</sub> and SO<sub>2</sub> shall be conducted in accordance with Appendix A and section 40 CFR 60-A.8 of this Part. All emissions testing shall be accurate within + or - 5%.

**Condition 82: Compliance Certification**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: TOB Emission Source: 000GT

Regulated Contaminant:



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITORING OF NOX IS  
REQUIRED TO DEMONSTRATE COMPLIANCE WITH  
THE NOX EMISSION LIMITS ESTABLISHED IN  
THE PSD PERMIT. THESE LIMITS ARE MORE  
STRINGENT THAN THE NSPS LIMITS.  
COMPLIANCE REPORTING IS MADE TO NYSDEC.

Upper Limit of Monitoring: 65.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 02/25/1999 for the period 10/27/1998 through 01/26/1999

**Condition 83: Exemption from opacity limits.  
Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 83.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: 00001

**Item 83.2:**

Excess smoke emissions from periods of start up and emergency may be exempted if it is shown that the exceedences were not preventable.

**Condition 84: Exemption from opacity limits.  
Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 84.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: 00003

**Item 84.2:**

Excess smoke emissions from periods of start up and emergency may be exempted if it is shown that the exceedences were not preventable.



**STATE ONLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**Condition 85:    General Provisions:    Facilities Subject to Subparts 201-5 and 201-6**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

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

**Item 85.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 85.2:**

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.

**Item 85.3:**

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

**Item 85.4:**

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.

**Condition 86:    Air pollution prohibited**  
**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable State Requirement:    6NYCRR 211.2**

**Item 86.1:**

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.



**New York State Department of Environmental Conservation**

**Permit ID: 1-2824-00947/00004**

**Facility DEC ID: 1282400947**

**Condition 87: Diesel truck opacity limitation**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable State Requirement: 6NYCRR 217-3.2(a)**

**Item 87.1:**

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

**Condition 88: Idling of diesel trucks limited**

**Effective between the dates of 10/27/1998 and 10/27/2003**

**Applicable State Requirement: 6NYCRR 217-3.2(b)**

**Item 88.1:**

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.