



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 1-4726-00130/00038  
Effective Date: 01/31/2019 Expiration Date: 01/30/2024

Permit Type: Title IV (Phase II Acid Rain)  
Permit ID: 1-4726-00130/00041  
Effective Date: 01/31/2019 Expiration Date: 01/30/2024

Permit Issued To: NATIONAL GRID GENERATION LLC  
175 E OLD COUNTRY RD  
HICKSVILLE, NY 11801

Contact: CATHY WAXMAN  
NATIONAL GRID  
175 E OLD COUNTRY RD  
HICKSVILLE, NY 11801-4280  
(516) 545-2579

Facility: NORTHPORT POWER STATION  
301 WATERSIDE AVE (& EATONS NECK RD)  
NORTHPORT, NY 11768

Description:  
This is a renewal of the current permit with no changes to the facility. The Permit includes limits for emissions of NO<sub>x</sub> and Particulate Matter and for Oil Sulfur content as per requirements of Part 249 related to the EPA Haze rule, known as Best Available Retrofit Technology , BART.

The facility consists of four (4) 385 MWe nominal turbine/generator boiler sets operating on natural gas, #1, #2, #6 fuel oils, and other authorized fuels. In addition, a 15 MWe nominal black start combustion turbine is maintained on site to meet load demand and emergency power requirements, and there are 5 main tanks for storing #6 fuel oil along with numerous smaller tanks that store distillate, lubrication and/or dielectric oils.

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 1472600130**



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:           KEVIN A KISPERT  
  SUNY @ STONY BROOK  
  50 CIRCLE RD  
  STONY BROOK, NY 11790

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 compliance 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 any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application 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, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**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 the expiration of permits for Title V and State Facility Permits.

**Item 3.3**

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

**Condition 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

The Department reserves the right to exercise all available authority 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 application for permit modification or renewal - REGION 1 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 1 Headquarters  
Division of Environmental Permits  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409  
(631) 444-0365

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: NATIONAL GRID GENERATION LLC  
175 E OLD COUNTRY RD  
HICKSVILLE, NY 11801

Facility: NORTHPORT POWER STATION  
301 WATERSIDE AVE (& EATONS NECK RD)  
NORTHPORT, NY 11768

Authorized Activity By Standard Industrial Classification Code:  
4911 - ELECTRIC SERVICES

Permit Effective Date: 01/31/2019

Permit Expiration Date: 01/30/2024



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.2: Visible Emissions Limited
- 24 6 NYCRR 211.2: Compliance Certification
- 25 6 NYCRR 225-1.2 (e): Compliance Certification
- 26 6 NYCRR 225-1.2 (h): Compliance Certification
- 27 6 NYCRR 225-1.2 (i): Compliance Certification
- 28 6 NYCRR 225-2.3: Compliance Certification
- 29 6 NYCRR 227-1.3 (a): Compliance Certification
- 30 6 NYCRR 227-1.4 (b): Compliance Certification
- 31 6 NYCRR 227-2.5 (b): Compliance Certification
- 32 6 NYCRR 249.3: Compliance Certification
- 33 6 NYCRR 249.3: Compliance Certification
- 34 6 NYCRR 249.3: Compliance Certification
- 35 6 NYCRR 249.3 (d): Compliance Certification
- 36 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 37 40CFR 63.9982(a)(1), Subpart UUUUU: Existing Affected Sources
- 38 40CFR 63.9991(a)(1), Subpart UUUUU: Compliance Certification
- 39 40CFR 63.10000(b), Subpart UUUUU: Good Control Practices
- 40 40CFR 63.10000(c)(2)(iv), Subpart UUUUU: Limited use boiler requirements
- 41 40CFR 63, Subpart ZZZZ: Compliance and Enforcement
- 42 40 CFR Part 72: Facility Subject to Title IV Acid Rain Regulations and Permitting



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**



- 43 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 44 40CFR 97.606, Subpart CCCCC: Compliance Certification
- 45 40CFR 97, Subpart EEEEE: Compliance Certification

**Emission Unit Level**

- 46 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 47 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=U-GT0S1**

- 48 6 NYCRR 227-1.3 (a): Compliance Certification

**EU=U-TGB01**

- 49 6 NYCRR 227-1.3 (a): Compliance Certification
- 50 6 NYCRR 227.2 (b) (1): Compliance Certification
- 51 40CFR 60.44(a)(2), NSPS Subpart D: Compliance Certification

**EU=U-TGB01,EP=00004,Proc=P04,ES=ES004**

- 52 40CFR 60.44(a)(1), NSPS Subpart D: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 53 ECL 19-0301: Contaminant List
- 54 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 55 6 NYCRR 211.1: Air pollution prohibited
- 56 6 NYCRR 242-1.4 (b): Compliance Demonstration
- 57 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission requirements
- 58 6 NYCRR 242-1.5: Compliance Demonstration
- 59 6 NYCRR 242-1.5: Compliance Demonstration
- 60 6 NYCRR Subpart 242-4: Compliance Demonstration
- 61 6 NYCRR 242-8.5: Compliance Demonstration

**Emission Unit Level**

**EU=U-TGB01**

- 62 6 NYCRR 249.3 (f): 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 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 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

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

**Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (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 G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

**Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (g)**

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

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



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the 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 J: Reopening for Cause - 6 NYCRR 201-6.4 (i)**

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



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

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

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**

**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring  
Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement  
Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 60 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,

**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**



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 201-6.2(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.

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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 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

**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**



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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch  
USEPA Region 2 DECA/ACB  
290 Broadway, 21st Floor  
New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC- Region 1 Headquarters  
Stony Brook University  
50 Circle Road  
Stony Brook, NY 11790-3409

The address for the BQA is as follows:

NYSDEC



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

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 4/30/2019.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 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 01/31/2019 and 01/30/2024**

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

**Item 8.1:**

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

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

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

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

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 215.2**

# New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



## **Item 9.1:**

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

## **Item 9.2**

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

**The following federally enforceable permit conditions are mandatory for all**



**Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.**

**[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 10: Maintenance of Equipment**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 11.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 12.1:**

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 13: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 13.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 14: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 01/31/2019 and 01/30/2024**



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

**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 15: Requirement to Provide Information**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 15.1:**

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

**Condition 16: Right to Inspect**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 16.1:**

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 17: Off Permit Changes**  
**Effective between the dates of 01/31/2019 and 01/30/2024**



**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 17.1:**

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

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Required Emissions Tests**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 18.1:**

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

**Condition 19: Accidental release provisions.**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 19.1:**

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:



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**

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 20:     Recycling and Emissions Reduction**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 20.1:**

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

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

**Condition 21:     Emission Unit Definition**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 21.1:**

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

Emission Unit: U-GT001

Emission Unit Description:

This unit is a "black start" combustion turbine designed to provide sufficient power to bring the entire power station back on line following a catastrophic system collapse. In addition the unit is used to supply peak generation capacity, as required to support the Long Island electric distribution system. #1 and/or #2 distillate oil is utilized as fuel for this emission unit.

Building(s): CT1

**Item 21.2:**

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

Emission Unit: U-GT0S1

Emission Unit Description:

This unit is a 430 hp diesel engine used to start the



New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



"black start" combustion turbine, designated emission unit UGT001. This unit only operates during startup of the combustion turbine, generally less than 15 minutes per event. #1 and/or #2 distillate oil is utilized as fuel for this emission unit.

Building(s): CT1

**Item 21.3:**

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

Emission Unit: U-TGB01

Emission Unit Description:

This emission unit consolidates all four turbine/generator boiler sets into one unit. The associated sources are four 385 MWe nominal turbine/generator boiler sets; capable of firing #1, #2, or #6 fuel oils, and natural gas. These boilers may co-fire waste fuel oil for energy recovery and citrosolv for incineration. Exhaust is through emission points 00001, 00002, 00003, and 00004.

Building(s): BOILERBLD1  
BOILERBLD2  
BOILERBLD3  
BOILERBLD4

**Condition 22: Progress Reports Due Semiannually**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 22.1:**

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

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 23: Visible Emissions Limited**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 23.1:**

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 24: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

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

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - weather condition
  - was a plume observed?

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

- 3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the

New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 60 days after the reporting period.  
The initial report is due 5/30/2019.  
Subsequent reports are due every 6 calendar month(s).

**Condition 25: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 25.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:  
Owners and/or operators of any stationary combustion installation that fires residual oil are limited to the purchase of residual oil with a sulfur content of 0.50% sulfur on or after July 1, 2014 and to the firing of residual oil with a sulfur content of 0.50% on or after July 1, 2016.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis,



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

within 30 days after the end of the semiannual period.  
All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.50 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 26: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



**Condition 27: Compliance Certification**  
Effective between the dates of 01/31/2019 and 01/30/2024

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

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires waste oil on or after July 1, 2014 are limited to the firing of waste oil with 0.75 percent sulfur by weight or less.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.75 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 28: Compliance Certification**  
Effective between the dates of 01/31/2019 and 01/30/2024

**Applicable Federal Requirement:6 NYCRR 225-2.3**

**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



# New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

## Monitoring Description:

Combustion of waste fuel is in accordance with procedures and practices previously established with the NYSDEC. Waste fuel is tested for compliance with 6NYCRR Part 225-2.3 and co-fired with primary boiler fuel at a maximum rate equivalent to 5% of the total heat input into the boiler. Lead, PCB's and total halogens are tested on every batch of used oil ( only used oil generated on-site accepted ). Monthly samples are collected and analyzed from each waste fuel tank on site. Analysis for sulfur and heat content have been waived by the NYSDEC since the co firing rate restriction insures that the "as burned" waste fuel oil in the boiler is always within limitations of 225-2.3. Lead, PCB's and halogen limitations are complied with on an 'as delivered" and/or "as generated" basis.

Reference Test Method: ASTM

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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

**Condition 29: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

### Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

|                        |                       |
|------------------------|-----------------------|
| Emission Unit: U-TGB01 | Emission Point: 00001 |
| Emission Unit: U-TGB01 | Emission Point: 00002 |
| Emission Unit: U-TGB01 | Emission Point: 00003 |
| Emission Unit: U-TGB01 | Emission Point: 00004 |

### Item 29.2:

Compliance Certification shall include the following monitoring:

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

#### Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average utilizing a continuous opacity monitor (COM).

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 60 days after the reporting period.  
The initial report is due 5/30/2019.  
Subsequent reports are due every 3 calendar month(s).

**Condition 30: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement: 6 NYCRR 227-1.4 (b)**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 60 days after the reporting period.



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

The initial report is due 5/30/2019.  
Subsequent reports are due every 3 calendar month(s).

**Condition 31: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 227-2.5 (b)**

**Item 31.1:**  
The Compliance Certification activity will be performed for the Facility.

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

**Item 31.2:**  
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 NOx RACT Compliance Plan approved by the NYS Department of Environmental Conservation; and incorporated by reference.

Reference Test Method: 40CFR60 APP B  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 60 days after the reporting period.  
The initial report is due 5/30/2019.  
Subsequent reports are due every 3 calendar month(s).

**Condition 32: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 249.3**

**Item 32.1:**  
The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

- |                        |                       |
|------------------------|-----------------------|
| Emission Unit: U-GT001 | Emission Point: GT001 |
| Emission Unit: U-GT0S1 | Emission Point: GT0S1 |
| Emission Unit: U-TGB01 | Emission Point: 00001 |
| Emission Unit: U-TGB01 | Emission Point: 00002 |
| Emission Unit: U-TGB01 | Emission Point: 00003 |
| Emission Unit: U-TGB01 | Emission Point: 00004 |



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The one hour average emission of particulates from stationary combustion installations firing oil shall not exceed 0.10 pounds per million Btu of heat input. The owner or operator shall conduct representative sampling to demonstrate compliance once per term of this permit; with testing being rotated among the four sources.

The owner or operator shall complete the following upon request from the Department:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission. Two copies of the protocol are required.
- 2) Perform a stack test based on the approved protocol to determine compliance with the emission limit cited on this condition.
- 3) Submit to the Department a stack test report. Two copies of the report are required.
- 4) All records associated with this condition shall be kept on site for at least five years.

The facility may utilize representative sampling of the boilers as proposed in the August 19, 2005, letter from Paul Lynch to Ajay Shah. Only two of the four units need be evaluated during the term of the permit, with the stipulation that long term, each unit must be tested at least once during any two consecutive permit terms.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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

**Condition 33: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



**Applicable Federal Requirement:6 NYCRR 249.3**

**Item 33.1:**

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

Emission Unit: U-TGB01  
Process: P01

Emission Unit: U-TGB01  
Process: P02

Emission Unit: U-TGB01  
Process: P03

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:

This Nitrogen Oxides limit is required to demonstrate compliance with the EPA Haze Rule.

This limit is assumed during any 24 hour period in which oil is fired.

Effective: 01/01/2014

Manufacturer Name/Model Number: KVB Analect

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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

**Condition 34: Compliance Certification**

**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 249.3**

**Item 34.1:**

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

Emission Unit: U-TGB01  
Process: P04

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Regulated Contaminant(s):

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

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This Nitrogen Oxides limit is required to demonstrate compliance with the EPA Haze Rule

This limit applies when burning natural gas

Effective: 01/01/2014

Manufacturer Name/Model Number: KVB Analect

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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

**Condition 35: Compliance Certification**

**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:6 NYCRR 249.3 (d)**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Control equipment or other emission reduction methods approved by the department as BART must be installed and operating no later than January 1, 2014.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 36: EPA Region 2 address.**

**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 36.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**

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

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

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

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

**Condition 37: Existing Affected Sources**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 63.9982(a)(1), Subpart UUUUU**

**Item 37.1:**

The affected source of Subpart UUUUU is the collection of all existing coal- or oil-fired EGUs, as defined in 40 CFR 63.10042, within a subcategory.

**Condition 38: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 63.9991(a)(1), Subpart UUUUU**

**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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a coal or oil fired electric generating unit must conduct a tune-up of the unit's burner and combustion controls at least every 36 calendar months, or each 48 months if neural network combustion optimization software is employed, as specified in 40 CFR 63.10021(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Reports due 30 days after the reporting period.  
The initial report is due 4/30/2019.  
Subsequent reports are due every 12 calendar month(s).

**Condition 39: Good Control Practices**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 63.10000(b), Subpart UUUUU**

**Item 39.1:**

At all times the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**Condition 40: Limited use boiler requirements**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 63.10000(c)(2)(iv), Subpart UUUUU**

**Item 40.1:**

Limited-use liquid oil-fired boilers as defined in 40 CFR 63.10042 are not subject to the emission limits in Tables 1 and 2 to Subpart UUUUU but must comply with the performance tune-up work practice requirements in Table 3 to Subpart UUUUU.

**Condition 41: Compliance and Enforcement**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**

**Item 41.1:**

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

**Condition 42: Facility Subject to Title IV Acid Rain Regulations and**



**Permitting**

Effective between the dates of 01/31/2019 and 01/30/2024

Applicable Federal Requirement:40 CFR Part 72

**Item 42.1:** This facility is subject to the Title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77 and 78. The Acid Rain Permit is an attachment to this permit.

**Condition 43: Compliance Certification**

Effective between the dates of 01/31/2019 and 01/30/2024

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

**Item 43.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR NOX Annual source (facility) and each TR NOx Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.



(3) The emissions data determined shall be used to calculate allocations of TR NOx Annual allowances and to determine compliance with the TR NOx Annual emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOx Annual facility and each TR NOx Annual Unit at the facility shall hold, in the facilities compliance account, TR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all TR NOx Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 44: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC**

**Item 44.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.613 through 97.618 of Subpart CCCCC. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR SO2 Group 1 source (facility) and each TR SO2 Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data



accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR SO<sub>2</sub> Group 1 allowances and to determine compliance with the TR SO<sub>2</sub> Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO<sub>2</sub> Group 1 facility and each TR SO<sub>2</sub> Group 1 Unit at the facility shall hold, in the facilities compliance account, TR SO<sub>2</sub> Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO<sub>2</sub> emissions for such control period from all TR SO<sub>2</sub> Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 45: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 97, Subpart EEEEE**

**Item 45.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.813 through 97.818 of Subpart EEEEE. The facility shall notify the Department of this representative (and alternate) with contact information upon issuance of this permit and when any changes are made to the representative (or alternate) or their contact information.





(2) The facility, and the designated representative, of each CSAPR NO<sub>x</sub> Ozone Season source (facility) and each CSAPR NO<sub>x</sub> Ozone Season Unit at the facility must comply with the monitoring, reporting, and recordkeeping requirements of §§97.830 through 97.835 of Subpart EEEEE and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are to be submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are to be submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of CSAPR NO<sub>x</sub> Ozone Season allowances and to determine compliance with the CSAPR NO<sub>x</sub> Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NO<sub>x</sub> Ozone Season facility and each CSAPR NO<sub>x</sub> Ozone Season Unit at the facility shall hold, in the facilities compliance account, CSAPR NO<sub>x</sub> Ozone Season allowances available for deduction for such control period under §97.824(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for such control period from all CSAPR NO<sub>x</sub> Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 46: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 46.1:**

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

Emission Unit: U-GT001

Emission Point: GT001



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**

Height (ft.): 31                      Length (in.): 124                      Width (in.): 133  
NYTMN (km.): 4531.358      NYTME (km.): 639.515                      Building: CT1

**Item 46.2:**

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

Emission Unit: U-GT0S1

Emission Point: GT0S1

Height (ft.): 20                      Diameter (in.): 5  
NYTMN (km.): 4531.352      NYTME (km.): 639.516                      Building: CT1

**Item 46.3:**

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

Emission Unit: U-TGB01

Emission Point: 00001

Height (ft.): 600                      Diameter (in.): 201  
NYTMN (km.): 4531.63      NYTME (km.): 639.462                      Building: BOILERBLD1

Emission Point: 00002

Height (ft.): 600                      Diameter (in.): 201  
NYTMN (km.): 4531.569      NYTME (km.): 639.477                      Building: BOILERBLD2

Emission Point: 00003

Height (ft.): 600                      Diameter (in.): 201  
NYTMN (km.): 4531.493      NYTME (km.): 639.492                      Building: BOILERBLD3

Emission Point: 00004

Height (ft.): 600                      Diameter (in.): 201  
NYTMN (km.): 4531.426      NYTME (km.): 639.507                      Building: BOILERBLD4

**Condition 47:      Process Definition By Emission Unit  
Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 47.1:**

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

Emission Unit: U-GT001

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 added to prevent fouling.

Emission Source/Control: ES009 - Combustion

Design Capacity: 266 million Btu per hour

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



**Item 47.2:**

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

Emission Unit: U-GT001

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 added to prevent fouling.

Emission Source/Control: ES009 - Combustion

Design Capacity: 266 million Btu per hour

**Item 47.3:**

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

Emission Unit: U-GT0S1

Process: P91

Source Classification Code: 2-02-009-02

Process Description:

This process is the combustion of #1 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES010 - Combustion

Design Capacity: 430 horsepower (mechanical)

**Item 47.4:**

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

Emission Unit: U-GT0S1

Process: P92

Source Classification Code: 2-01-001-02

Process Description:

This process is the combustion of #2 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES010 - Combustion

Design Capacity: 430 horsepower (mechanical)

**Item 47.5:**

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

Emission Unit: U-TGB01



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**

Process: P01

Source Classification Code: 1-01-004-04

**Process Description:**

This process is the combustion of #6 residual oil in a tangentially fired steam electric boiler. In order to improve boiler operation, a fuel additive is mixed into the residual oil prior to combustion.

Emission Source/Control: ES001 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES002 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES004 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

**Item 47.6:**

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

Emission Unit: U-TGB01

Process: P02

Source Classification Code: 1-01-005-01

**Process Description:**

This process is the combustion of #1 distillate oil in a tangentially fired steam electric boiler.

Emission Source/Control: ES001 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion

Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion

Design Capacity: 3,695 million Btu per hour



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130

Emission Source/Control: ES002 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES004 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 47.7:**

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

Emission Unit: U-TGB01  
Process: P03 Source Classification Code: 1-01-005-01  
Process Description:  
This process is the combustion of #2 distillate oil in a tangentially fired steam electric boiler.

Emission Source/Control: ES001 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES002 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES004 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 47.8:**

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

Emission Unit: U-TGB01  
Process: P04 Source Classification Code: 1-01-006-04  
Process Description:  
This process is the combustion of pipeline natural gas in

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



a tangentially fired steam electric boiler. Electrostatic precipitator will not operate when firing natural gas.

Emission Source/Control: ES001 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES002 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES004 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 47.9:**

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

Emission Unit: U-TGB01

Process: P05

Source Classification Code: 1-01-013-02

Process Description:

This process is the co-firing of non-hazardous waste oil in a tangentially fired steam electric boiler. This fuel is only used in combination with pipeline natural gas or #6 residual oil.

Emission Source/Control: ES001 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES002 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Emission Source/Control: ES004 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 47.10:**

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

Emission Unit: U-TGB01  
Process: P06 Source Classification Code: 1-01-013-02

Process Description:

This process is the incineration, by co-firing with a primary fuel, of boiler chemical cleaning solutions. Following a chemical cleaning of the water-side of the boilers tubes with an acidic solution, the spent material is evaporated in an adjacent boiler operating at nominal full load.

Emission Source/Control: ES001 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES003 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES005 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES007 - Combustion  
Design Capacity: 3,695 million Btu per hour

Emission Source/Control: ES002 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES004 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES006 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: ES008 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Condition 48: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-GT0S1

**Item 48.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2019.

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

**Condition 49: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-TGB01

**Item 49.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition,

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: EPA Method 9  
Monitoring Frequency: ANNUALLY  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2019.  
Subsequent reports are due every 3 calendar month(s).

**Condition 50: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-TGB01

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

**Item 50.2:**

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.

At the monitoring frequency stated below 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.



**New York State Department of Environmental Conservation**

**Permit ID: 1-4726-00130/00038**

**Facility DEC ID: 1472600130**

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

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 51: Compliance Certification**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 60.44(a)(2), NSPS Subpart D**

**Item 51.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

|                        |                        |
|------------------------|------------------------|
| Emission Unit: U-TGB01 | Emission Point: 00004  |
| Process: P01           | Emission Source: ES004 |
| Emission Unit: U-TGB01 | Emission Point: 00004  |
| Process: P02           | Emission Source: ES004 |
| Emission Unit: U-TGB01 | Emission Point: 00004  |
| Process: P03           | Emission Source: ES004 |

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

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies to liquid fossil fuel fired utility boilers greater than 250 mmBtu/hr heat input. The owners and/or operators of this equipment shall install, calibrate, maintain, and operate CEMs for monitoring NOx emissions. All monitoring records must be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: NOx CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.3 pounds per million Btus

Reference Test Method: Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 0 days after the reporting period.

The initial report is due 3/31/2019.

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

**Condition 52: Compliance Certification**

**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable Federal Requirement:40CFR 60.44(a)(1), NSPS Subpart D**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-TGB01

Emission Point: 00004

Process: P04

Emission Source: ES004

Regulated Contaminant(s):

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

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies to gaseous fossil fuel fired utility boilers greater than 250 mmBtu/hr heat input. The owners and/or operators of this equipment shall install, calibrate, maintain, and operate CEMs for monitoring NOx emissions. All monitoring records must be maintained at the facility for a minimum of five years.

Manufacturer Name/Model Number: NOx CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 0 days after the reporting period.

The initial report is due 3/31/2019.

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



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 or operator seeking to establish the occurrence of an emergency has the burden of proof.

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

**Item B: 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 53: Contaminant List**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 53.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000124-38-9  
Name: CARBON DIOXIDE

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0  
Name: PARTICULATES

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

**Condition 54: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

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

**Item 54.1:**  
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 55: Air pollution prohibited**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 55.1:**

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 56: Compliance Demonstration**  
**Effective between the dates of 01/31/2019 and 01/30/2024**



**Applicable State Requirement:6 NYCRR 242-1.4 (b)**

**Item 56.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 56.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Applicability. Notwithstanding Subdivision (a) of this Section, any unit that, on or before December 1, 2008, applies for an enforceable permit condition restricting the supply of the unit's annual electrical output to the electric grid to less than or equal to 10 percent of the annual gross generation of the unit, and that from and after January 1, 2009 complies with the 10 percent restriction and the provisions in Paragraph (b)(3) of this Section, shall be exempt from the requirements of this Part, except for the provisions of this Section, Sections 242-1.2, 242-1.3, and 242-1.6 of this Part.

(2) Effective date. The exemption under Paragraph (b)(1) of this Section shall become effective as of January 1, 2009 and remain in effect unless and until the unit loses its exemption under Subparagraph (b)(3)(v) of this Section.

(3) Compliance.

(i) A unit exempt under Paragraph (b)(1) of this Section shall comply with the restriction on percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section.

(ii) A unit exempt under Paragraph (b)(1) of this Section shall report to the department the amount of annual gross generation and the amount of annual gross generation supplied to the electric grid during the year by the following February 1st.

(iii) For a period of 10 years from the date the records are created, the owners and operators of a unit exempt under Paragraph (b)(1) of this Section shall retain, at the source that includes the unit, records demonstrating that the conditions of the permit under Paragraph (b)(1) of this Section were met. The 10-year period for keeping records may be extended for cause, at any time prior to the end of the period, in writing by the department. The owners and operators bear the burden of proof that the



**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



unit met the restriction on the percentage of annual gross generation that may be supplied to the electric grid.

(iv) The owners and operators and, to the extent applicable, the CO<sub>2</sub> authorized account representative of a unit exempt under Paragraph (b)(1) of this Section shall comply with all the requirements of this Part concerning all time periods for which the exemption is not in effect, even if such requirements arise, or must be complied with, after the exemption takes effect.

(v) On the earlier of the following dates, a unit exempt under Paragraph (b)(1) of this Section shall lose its exemption:

(a) the date on which the restriction on the percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section is removed from the unit's permit or otherwise becomes no longer applicable in any year that commences on or after January 1, 2009; or

(b) the first date on which the unit fails to comply, or on which the owners and operators fail to meet their burden of proving that the unit is complying, with the restriction on the percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section during any year that commences on or after January 1, 2009.

(vi) A unit that loses its exemption in accordance with Subparagraph (b)(3)(v) of this Section shall be subject to the requirements of this Part. For the purpose of applying permitting requirements under Subpart 242-3 of this Part, allocating allowances under Subpart 242-5 of this Part, and applying monitoring requirements under Subpart 242-8 of this Part, the unit shall be treated as commencing operation on the date the unit loses its exemption.

(4) Reduction in CO<sub>2</sub> Budget Trading Program base budget. In the event that a unit applies for and receives a permit condition that renders the unit exempt under Subdivision (b) of this Section, then the department shall reduce the CO<sub>2</sub> Budget Trading Program base budget to remove the number of tons equal to the unit's average annual emissions from the previous three calendar years.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2019.

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



**Condition 57: CO2 Budget Trading Program - Excess emission requirements  
Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement:6 NYCRR 242-1.5**

**Item 57.1:**

The owners and operators of a CO2 budget source that has excess emissions in any control period shall:

- (1) forfeit the CO2 allowances required for deduction under 6 NYCRR Part 242-6.5(d)(1), provided CO2 offset allowances may not be used to cover any part of such excess emissions; and
- (2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR Part 242-6.5(d)(2).

**Condition 58: Compliance Demonstration  
Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement:6 NYCRR 242-1.5**

**Item 58.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 58.2:**

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 CO2 authorized account representative of each CO2 budget source and each CO2 budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO2 requirements:

- (1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO2 emitted in excess of the CO2 budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO2 budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1,



2009 or the date on which the unit commences operation.

(4) CO2 allowances shall be held in, deducted from, or transferred among CO2 Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.

(5) A CO2 allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO2 allowance was allocated. A CO2 offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2019.

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

**Condition 59: Compliance Demonstration**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement:6 NYCRR 242-1.5**

**Item 59.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 59.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at

New York State Department of Environmental Conservation

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO2 authorized account representative for the source and each CO2 budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 Budget Trading Program, including those under Subpart 242-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2019.

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

**Condition 60: Compliance Demonstration**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement:6 NYCRR Subpart 242-4**

**Item 60.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE



**Item 60.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Annual Compliance Certification Report:

(a) For each control period in which a CO<sub>2</sub> budget source is subject to the CO<sub>2</sub> requirements of subdivision 242-1.5(c) of this Part, CO<sub>2</sub> authorized account representative of the source shall submit to the department by March 1st following the relevant control period, a compliance certification report.

(b) The compliance certification report shall include the following elements:

(1) identification of the source and each CO<sub>2</sub> budget unit at the source;

(2) as an option, the serial numbers of the CO<sub>2</sub> allowances that are to be deducted from the source's compliance account under section 242-6.5 of this Part for the control period, including the serial numbers of any CO<sub>2</sub> offset allowances that are to be deducted subject to the limitations of section 242-6.5(a)(3) of this Part; and

(3) the compliance certification under subdivision (c) of this section (below).

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

(1) whether the source was operated in compliance with the CO<sub>2</sub> requirements of section 242-1.5(c) of this Part;

(2) whether the monitoring plan applicable to each unit at the source has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute CO<sub>2</sub> emissions to the unit, in accordance with Subpart 242-8 of this Part;

(3) whether all the CO<sub>2</sub> emissions from the units at the source 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 242-8 of this Part. 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;

(4) whether the facts that form the basis for certification under Subpart 242-8 of each monitor at each unit at the source, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 242-8 of this Part, if any, have changed; and

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: MARCH 1

**Condition 61: Compliance Demonstration**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement: 6 NYCRR 242-8.5**

**Item 61.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

**Item 61.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO<sub>2</sub> authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO<sub>2</sub> budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO<sub>2</sub> authorized account representative shall submit an application to the department within 45 days after completing all CO<sub>2</sub> monitoring system initial certification or recertification

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO2 authorized account representative shall submit quarterly reports, as follows:

(1) The CO2 authorized account representative shall report the CO2 mass emissions data and heat input data for the CO2 budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO2 authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO2 budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NOx, and SO2 provisions.

(3) The CO2 authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO2 emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO2 emissions; and

(iii) the CO2 concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO2 emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2019.

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

**New York State Department of Environmental Conservation**

Permit ID: 1-4726-00130/00038

Facility DEC ID: 1472600130



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

**Condition 62: Compliance Demonstration**  
**Effective between the dates of 01/31/2019 and 01/30/2024**

**Applicable State Requirement: 6 NYCRR 249.3 (f)**

**Item 62.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-TGB01

**Item 62.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission limits in this permit for NO<sub>x</sub>, SO<sub>2</sub>, and/or PM<sub>10</sub> established under Part 249 are based on New York's Best Available Retrofit Technology (BART) Rule (6 NYCRR Part 249), are effective on the date of this permit's issuance, and are state-enforceable. Federal enforceability of these facility-specific requirements is effective on the date on which these emission limits, as submitted to EPA as a revision to New York State's Implementation Plan for Regional Haze, are published in the Federal Register.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2019.

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