



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-2320-00018/00010
Effective Date: 04/01/2018 Expiration Date: 03/31/2023

Permit Issued To: BEAVER FALLS, LLC
591 W PUTNAM AVE
GREENWICH, CT 06830

Contact: STEVE REINHART
BEAVER FALLS LLC
PO BOX 69
BEAVER FALLS, NY 13305-0069

Facility: BEAVER FALLS LLC
9644 MAIN ST
BEAVER FALLS, NY 13305

Description:

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

Permit Administrator: THOMAS G VOSS
NYSDEC - REGION 6
317 WASHINGTON ST
WATERTOWN, NY 13601-3787

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 6 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 6 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

New York State Department of Environmental Conservation

Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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591 W PUTNAM AVE
GREENWICH, CT 06830

Facility: BEAVER FALLS LLC
9644 MAIN ST
BEAVER FALLS, NY 13305

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

Permit Effective Date: 04/01/2018

Permit Expiration Date: 03/31/2023



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 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 15 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 17 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 18 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 19 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 20 6 NYCRR 202-1.1: Required Emissions Tests
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 25 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *26 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *27 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *28 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *29 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *30 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *31 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *32 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *33 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *34 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *36 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *37 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *38 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *39 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *40 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *41 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *42 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 43 6 NYCRR 211.1: Air pollution prohibited



- 44 6 NYCRR 225-1.2: Compliance Certification
- 45 6 NYCRR 225-1.2 (f): Compliance Certification
- 46 6 NYCRR 225-1.6: Compliance Certification
- 47 6 NYCRR 227-1.2 (a): Compliance Certification
- 48 40CFR 52.21, Subpart A: Compliance Certification
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 51 40CFR 63, Subpart ZZZZ: Compliance and Enforcement
- 52 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 53 40CFR 97.506, Subpart BBBBB: Compliance Certification
- 54 40CFR 97.606, Subpart CCCCC: Compliance Certification

Emission Unit Level

- 55 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 56 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 57 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

EU=U-00001

- *58 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *59 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *60 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *61 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *62 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *63 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 64 6 NYCRR 227-1.3 (a): Compliance Certification

EU=U-00001

- 65 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 66 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 67 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 68 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 69 40CFR 60.9, NSPS Subpart A: Availability of information.
- 70 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 71 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 72 40CFR 60.334(b), NSPS Subpart GG: CEMS
- 73 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Certification

EU=U-00001,Proc=101

- *74 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *75 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *76 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=U-00001,Proc=102

- *77 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *78 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *79 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=U-00001,Proc=103

- *80 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *81 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *82 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *83 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *84 6 NYCRR Subpart 201-7: Capping Monitoring Condition



EU=U-00001,Proc=104

- *85 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *86 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *87 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *88 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *89 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=U-00002

- *90 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *91 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 92 40CFR 52.21, Subpart A: Compliance Certification
- 93 40CFR 52.21, Subpart A: Compliance Certification
- 94 40CFR 52.21, Subpart A: Compliance Certification
- 95 40CFR 52.21, Subpart A: Compliance Certification
- 96 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 97 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 98 ECL 19-0301: Contaminant List
- 99 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 100 6 NYCRR 211.2: Visible Emissions Limited

NOTE: * preceding the condition number indicates capping.



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 04/01/2018 and 03/31/2023**

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

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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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,



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



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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.

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

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 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 – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

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. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR 215.2

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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 04/01/2018 and 03/31/2023

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: Exempt Sources - Proof of Eligibility
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 14.1:

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 15: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 15.1:

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 16: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 16.1:

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 17: Requirement to Provide Information
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 17.1:

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.



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Condition 18: Right to Inspect
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 18.1:

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 19: Off Permit Changes
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 19.1:

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 20: Required Emissions Tests
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 20.1:

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 21: Accidental release provisions.
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40 CFR Part 68

Item 21.1:

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

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

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

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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

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



Condition 23: Emission Unit Definition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

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

Emission Unit: U-00001

Emission Unit Description:

A SIEMENS V64.3 GAS TURBINE, A HEAT RECOVERY STEAM GENERATOR WITH DUCT BURNERS, AND AIR POLLUTION CONTROL EQUIPMENT FOR COGENERATION OF ELECTRICITY AND THERMAL ENERGY.

Building(s): GENBLDG

Item 23.2:

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

Emission Unit: U-00002

Emission Unit Description:

TWO EMERGENCY DIESEL POWERED GENERATORS. THE EMISSION LIMITS (LBS/HR) IN THIS APPLICATION ARE FOR OPERATION OF ONE EMERGENCY DIESEL GENERATOR.

Building(s): GENBLDG

Item 23.3:

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

Emission Unit: U-00004

Emission Unit Description:

AUXILIARY BOILER WITH FLUE GAS RECIRCULATION FOR CONTROL OF NOX EMISSIONS. THIS BOILER IS USED FOR GENERATION OF THERMAL ENERGY.

Building(s): GENBLDG

Condition 24: Progress Reports Due Semiannually
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 24.1:

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:

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(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 25: Facility Permissible Emissions
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 25.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0

PTE: 249,000 pounds per year

Name: CARBON MONOXIDE

Condition 26: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 26.1:

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

40 CFR 52.21

Item 26.2:

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

Item 26.3:

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

Item 26.4:

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

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Item 26.5:

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

Item 26.6:

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

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

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

Item 26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE MASS EMISSION LIMIT FOR NO_x EMISSIONS FROM THE COMBUSTION TURBINE/DUCT BURNER EXHAUST. THE NOX MASS EMISSION LIMIT CHANGES WITH AMBIENT AIR TEMPERATURE AS SHOWN ON THE ATTACHED NOX EMISSION CURVES WHILE BURNING OIL.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 51.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 27: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 27.1:

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

40 CFR 52.21

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Item 27.2:

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

Item 27.3:

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

Item 27.4:

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

Item 27.5:

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

Item 27.6:

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

Emission Unit: U-00001

Process: 103

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

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

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 200.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS



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Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 28: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 28.1:
Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

Item 28.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 28.3:
The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 28.4:
On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 28.5:
The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 28.6:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 103

Emission Unit: U-00001
Process: 104

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Regulated Contaminant(s):

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

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during startup. Startup is initiated when the fuel begins being combusted. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 250.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 29: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 29.1:

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

40 CFR 52.21

Item 29.2:

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

Item 29.3:

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

Item 29.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the



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facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 29.5:

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

Item 29.6:

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

Emission Unit: U-00001
Process: 101

Emission Unit: U-00001
Process: 102

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

Item 29.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 200.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 30: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 30.1:

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

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otherwise be subject to:

40 CFR 52.21

Item 30.2:

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

Item 30.3:

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

Item 30.4:

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

Item 30.5:

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

Item 30.6:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 101

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

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

Item 30.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during startup. Startup is initiated when the fuel begins being combusted. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

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Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 425.0 pounds per hour
Reference Test Method: 40 CFR 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 31: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 31.1:

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

40 CFR 52.21

Item 31.2:

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

Item 31.3:

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

Item 31.4:

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

Item 31.5:

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

Item 31.6:

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

Emission Unit: U-00001

New York State Department of Environmental Conservation

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Facility DEC ID: 6232000018



Process: 102

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 31.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Volatile organic compound (VOC) emission limits are based on testing at the facility. Testing for the above processes is required once during the term of this permit to confirm compliance with this limit. Compliance with this condition also demonstrates compliance with the requirements of Part 231-2. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: VOC

Upper Permit Limit: 16.1 pounds per hour

Reference Test Method: 40 CFR 60

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 32: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 32.1:

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

40 CFR 52.21

Item 32.2:

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

Item 32.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,



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during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 32.4:

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

Item 32.5:

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

Item 32.6:

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

Emission Unit: U-00001
Process: 102

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

Item 32.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE MASS EMISSION LIMIT FOR NO_x EMISSIONS FROM THE COMBUSTION TURBINE/DUCT BURNER EXHAUST. THE NO_x MASS EMISSION LIMIT FOR THE ABOVE PROCESSES CHANGES WITH AMBIENT AIR TEMPERATURE AS SHOWN ON THE ATTACHED NO_x EMISSION CURVES WHILE BURNING OIL.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 51.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 33: Capping Monitoring Condition



Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 33.1:

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

40 CFR 52.21

Item 33.2:

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

Item 33.3:

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

Item 33.4:

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

Item 33.5:

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

Item 33.6:

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

Emission Unit: U-00001
Process: 101

Emission Unit: U-00001
Process: 103

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

Item 33.7:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Volatile organic compound (VOC) emission limits are based on testing at the facility. Testing for the above processes is required once during the term of this permit to confirm compliance with this limit. Compliance with this condition also demonstrates compliance with the requirements of Part 231-2. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: VOC

Upper Permit Limit: 8.0 pounds per hour

Reference Test Method: 40 CFR 60

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 34: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 34.1:

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

40 CFR 52.21

Item 34.2:

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

Item 34.3:

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

Item 34.4:

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

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Item 34.5:

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

Item 34.6:

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

Emission Unit: U-00001
Process: 102

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

Item 34.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PM/PM-10 emission limits based on testing at the facility. Testing for the above processes was conducted in 2009 and confirmed compliance with this limit. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 23.6 pounds per hour
Reference Test Method: EPA METHOD 5 & 202
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 35: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 35.1:

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

40 CFR 52.21

Item 35.2:

Operation of this facility shall take place in accordance with the approved criteria, emission

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limits, terms, conditions and standards in this permit.

Item 35.3:

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

Item 35.4:

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

Item 35.5:

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

Item 35.6:

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

Emission Unit: U-00001
Process: 101

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

Item 35.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 emission limits based on testing at the facility. Testing for the above processes is required once during the term of this permit to confirm compliance with this limit. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 19.1 pounds per hour

Reference Test Method: EPA METHOD 5 & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED



Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 36: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 36.1:

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

40 CFR 52.21

Item 36.2:

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

Item 36.3:

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

Item 36.4:

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

Item 36.5:

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

Item 36.6:

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

Emission Unit: U-00001
Process: 102

Emission Unit: U-00001
Process: 104

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

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Item 36.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE MASS EMISSION LIMIT FOR CO EMISSIONS FROM THE COMBUSTION/DUCT BURNER EXHAUST. THIS LIMIT IS APPLICABLE TO THE ABOVE PROCESSES.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 27.9 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 37: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 37.1:

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

40 CFR 52.21

Item 37.2:

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

Item 37.3:

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

Item 37.4:

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

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applicable requirement.

Item 37.5:

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

Item 37.6:

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

Emission Unit: U-00001
Process: 101

Emission Unit: U-00001
Process: 103

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

Item 37.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE MASS EMISSION LIMIT FOR CO
EMISSIONS FROM THE COMBUSTION TURBINE.
THIS LIMIT IS APPLICABLE TO THE ABOVE
PROCESSES.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 14.4 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 38: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 38.1:

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

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40 CFR 52.21

Item 38.2:

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

Item 38.3:

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

Item 38.4:

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

Item 38.5:

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

Item 38.6:

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

Emission Unit: U-00001
Process: 101

Emission Unit: U-00001
Process: 103

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

Item 38.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE CONCENTRATION EMISSION
LIMIT FOR CO EMISSIONS FROM THE
COMBUSTION TURBINE. THIS LIMIT IS
APPLICABLE TO THE ABOVE PROCESSES.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

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Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 9.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: 40 CFR 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 39: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 39.1:

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

40 CFR 52.21

Item 39.2:

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

Item 39.3:

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

Item 39.4:

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

Item 39.5:

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

Item 39.6:

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

New York State Department of Environmental Conservation

Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Emission Unit: U-00001
Process: 102

Emission Unit: U-00001
Process: 104

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

Item 39.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE CONCENTRATION EMISSION
LIMIT FOR CO EMISSIONS FROM THE
COMBUSTION TURBINE AND DUCT BURNER. THIS
LIMIT IS APPLICABLE TO THE ABOVE
PROCESSES.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 40: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 40.1:

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

40 CFR 52.21

Item 40.2:

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

Item 40.3:

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

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

Item 40.4:

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

Item 40.5:

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

Item 40.6:

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

Emission Unit: U-00001
Process: 101

Emission Unit: U-00001
Process: 102

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

Item 40.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS WHICH MEET THE REQUIREMENTS OF 40 CFR 75 ARE TO BE CALIBRATED, OPERATED, AND MAINTAINED IN THE GAS TURBINE/DUCT BURNER EXHAUST STACK. THIS LIMIT APPLIES TO ALL PROCESSES WHEN FUEL OIL IS COMBUSTED IN THE TURBINE.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 41: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 41.1:

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

40 CFR 52.21

Item 41.2:

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

Item 41.3:

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

Item 41.4:

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

Item 41.5:

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

Item 41.6:

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

Emission Unit: U-00001
Process: 103

Emission Unit: U-00001
Process: 104

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



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

Item 41.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS WHICH MEET THE REQUIREMENTS OF 40 CFR 75 ARE TO BE CALIBRATED, OPERATED, AND MAINTAINED IN THE GAS TURBINE/DUCT BURNER EXHAUST STACK. THIS LIMIT APPLIES TO ALL PROCESSES WHEN THE TURBINE IS FIRING NATURAL GAS.

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 42: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 42.1:

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

40 CFR 52.21

Item 42.2:

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

Item 42.3:

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

Item 42.4:



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

Item 42.5:

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

Item 42.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 42.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL OIL BURNED AT FACILITY SHALL NOT EXCEED 0.0015% BY WEIGHT. TO AID IN PERMIT STREAMLING, COMPLIANCE WITH THIS CONDITION ALSO INDICATES COMPLIANCE WITH THE SULFUR LIMITS IN 40 CFR 60.333(b). 40 CFR 60.4c(d), AND 6NYCRR PART 225-1

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: .0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

**Condition 43: Air pollution prohibited
Effective between the dates of 04/01/2018 and 03/31/2023**

Applicable Federal Requirement:6 NYCRR 211.1

Item 43.1:

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 44: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR 225-1.2

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and are limited to the firing of distillate oil including number two heating oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. All records must be maintained at the facility for a minimum of five years.

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL



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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: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 45.1:
The Compliance Certification activity will be performed for the Facility.

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. 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: NUMBER 2 HEATING 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

Condition 46: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023



Applicable Federal Requirement:6 NYCRR 225-1.6

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 47: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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

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determine compliance with the limit cited in this condition.

2)Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.

3)Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above

4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year

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 48: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 48.1:

The Compliance Certification activity will be performed for the Facility.

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE AMBIENT AIR TEMPERATURE AT THE FACILITY SHALL BE CONTINUOUSLY MONITORED AND RECORDED WITHIN AN ACCURACY OF +/- 3 DEG. F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 49: Compliance Certification



Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A SUMMARY OF EMISSION LIMITS OF THIS PERMIT MUST BE POSTED IN THE CONTROL ROOM OF THIS FACILITY AND BE PLAINLY VISIBLE TO THE FACILITY OPERATOR.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 50: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 50.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00004

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:

1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each

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occurrence, and the process operating time during the reporting period;

2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;

3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 51: Compliance and Enforcement

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 51.1:

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 52: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 52.1:

The Compliance Certification activity will be performed for the Facility.

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Regulated Contaminant(s):

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

Item 52.2:

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

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DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 53: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 97.506, Subpart BBBBB

Item 53.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 53.2:

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 §§97.513 through 97.518 of Subpart BBBBB. 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 NO_x Ozone Season source (facility) and each TR NO_x Ozone Season Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.530 through 97.535 of Subpart BBBBB 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 NO_x Ozone Season allowances and to determine compliance with the TR NO_x 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 TR NO_x Ozone Season facility and each TR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, TR NO_x Ozone Season allowances available for deduction for such control period under §97.524(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 54: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 54.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 54.2:

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

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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 SO₂ Group 1 allowances and to determine compliance with the TR SO₂ 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 SO₂ Group 1 facility and each TR SO₂ Group 1 Unit at the facility shall hold, in the facilities compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 55: Emission Point Definition By Emission Unit
Effective between the dates of 04/01/2018 and 03/31/2023**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 55.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 213 Diameter (in.): 135
NYTMN (km.): 4859.324 NYTME (km.): 465.431 Building: GENBLDG

Item 55.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4859.324 NYTME (km.): 465.431 Building: GENBLDG

Emission Point: 00003

Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4859.324 NYTME (km.): 465.431 Building: GENBLDG

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Emission Point: 00004
Height (ft.): 109 Diameter (in.): 48
NYTMN (km.): 4859.324 NYTME (km.): 465.431 Building: GENBLDG

Condition 56: Process Definition By Emission Unit
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 56.1:

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

Emission Unit: U-00001
Process: 101 Source Classification Code: 2-02-001-01
Process Description:
NO. 2 DISTILLATE FUEL OIL COMBUSTION IN
THE GAS TURBINE WITHOUT SIMULTANEOUS
OPERATION OF DUCT BURNER.

Emission Source/Control: 00001 - Combustion
Design Capacity: 650 million Btu per hour

Emission Source/Control: 00002 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: 00004 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00005 - Control
Control Type: AMMONIA INJECTION

Item 56.2:

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

Emission Unit: U-00001
Process: 102 Source Classification Code: 2-02-001-03
Process Description:
NO. 2 DISTILLATE FUEL OIL COMBUSTION IN
GAS TURBINE WITH SIMULTANEOUS OPERATION OF
DUCT BURNER FIRING NATURAL GAS.

Emission Source/Control: 00001 - Combustion
Design Capacity: 650 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 99.5 million Btu per hour

Emission Source/Control: 00002 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: 00004 - Control

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Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00005 - Control

Control Type: AMMONIA INJECTION

Item 56.3:

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

Emission Unit: U-00001

Process: 103

Source Classification Code: 2-02-002-01

Process Description:

NATURAL GAS COMBUSTION IN GAS TURBINE
WITHOUT SIMULTANEOUS OPERATION OF DUCT
BURNER.

Emission Source/Control: 00001 - Combustion

Design Capacity: 650 million Btu per hour

Emission Source/Control: 00002 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: 00004 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00005 - Control

Control Type: AMMONIA INJECTION

Item 56.4:

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

Emission Unit: U-00001

Process: 104

Source Classification Code: 2-02-002-03

Process Description:

NATURAL GAS COMBUSTION IN GAS TURBINE AND
DUCT BURNER SIMULTANEOUSLY.

Emission Source/Control: 00001 - Combustion

Design Capacity: 650 million Btu per hour

Emission Source/Control: 00003 - Combustion

Design Capacity: 99.5 million Btu per hour

Emission Source/Control: 00002 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: 00004 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00005 - Control

Control Type: AMMONIA INJECTION

Item 56.5:



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

Emission Unit: U-00001
Process: 108 Source Classification Code: 2-02-002-03
Process Description:
THIS PROCESS (108) ALLOWS FOR THE
OPERATION OF THE EVAPORATIVE COOLER WHILE
COMBUSTING FUEL IN THE GAS TURBINE
WITH/WITHOUT SIMULTANEOUS OPERATION OF DUCT
BURNER.

Emission Source/Control: 00001 - Combustion
Design Capacity: 650 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 99.5 million Btu per hour

Emission Source/Control: 00002 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: 00004 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00005 - Control
Control Type: AMMONIA INJECTION

Item 56.6:

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

Emission Unit: U-00002
Process: 201 Source Classification Code: 2-02-004-01
Process Description:
DISTILLATE FUEL OIL COMBUSTION IN THE
EMERGENCY DIESEL GENERATORS.

Emission Source/Control: 20001 - Combustion
Design Capacity: 7.5 million Btu per hour

Item 56.7:

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

Emission Unit: U-00004
Process: 401 Source Classification Code: 1-02-006-02
Process Description: NATURAL GAS COMBUSTION IN THE AUXILIARY BOILER.

Emission Source/Control: 40001 - Combustion
Design Capacity: 95 million Btu per hour

Emission Source/Control: 40002 - Control
Control Type: FLUE GAS RECIRCULATION

Condition 57: Emission Unit Permissible Emissions

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Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 57.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00001

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 28 pounds per hour

244,404 pounds per year

Emission Unit: U-00002

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 8.27 pounds per hour

430 pounds per year

Emission Unit: U-00004

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 9.5 pounds per hour

83,220 pounds per year

Emission Unit: U-00002

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 0.64 pounds per hour

33.3 pounds per year

Emission Unit: U-00004

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 0.6 pounds per hour

5,256 pounds per year

Emission Unit: U-00001

CAS No: 0NY075-00-5

Name: PM-10

PTE(s): 24 pounds per hour

117,428 pounds per year

CAS No: 0NY210-00-0

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Name: OXIDES OF NITROGEN
PTE(s): 49 pounds per hour
258,336 pounds per year

Emission Unit: U-00002

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 26.02 pounds per hour
1,353 pounds per year

Emission Unit: U-00004

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 9.5 pounds per hour
83,220 pounds per year

Emission Unit: U-00001

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 16 pounds per hour
111,252 pounds per year

Emission Unit: U-00004

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 0.3 pounds per hour
2,628 pounds per year

Condition 58: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 58.1:

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

40 CFR 52.21

Item 58.2:

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

Item 58.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

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Facility DEC ID: 6232000018



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

Item 58.4:

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

Item 58.5:

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

Item 58.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 58.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE DEMONSTRATED BY STACK TESTING AS REQUIRED BY THE DEPARTMENT. AMMONIA COMPLIANCE TESTING FOR U-00001 WHILE FIRING NATURAL GAS AND WHEN FIRING FUEL OIL WAS CONDUCTED IN 2009 AND DEMONSTRATED COMPLIANCE WITH THE EMISSION LIMIT. THE MONITORING FREQUENCY IS ONCE PER TERM OF THE PERMIT IF THE UNIT OPERATIONS ARE GREATER THAN 750 HOURS IN ANY ONE YEAR.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA approved test method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 59: Capping Monitoring Condition



Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 59.1:

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

40 CFR 52.21

Item 59.2:

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

Item 59.3:

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

Item 59.4:

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

Item 59.5:

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

Item 59.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 59.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL ANNUAL FUEL OIL USE IN THE GAS

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TURBINE SHALL NOT EXCEED 10,300,000
GALLONS, CALCULATED ON A 365 DAY ROLLING
TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 2 OIL
Upper Permit Limit: 10300000.0 gallons per year
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 60.1:

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

40 CFR 52.21

Item 60.2:

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

Item 60.3:

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

Item 60.4:

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

Item 60.5:

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

Item 60.6:

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Facility DEC ID: 6232000018



The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 60.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To avoid being subject to PSD, the facility shall monitor and record NO_x and PM-10 emissions to maintain emissions below the significance levels of PSD (+ Part 231-2 for NO_x). Compliance shall be determined by summing the individual monthly emissions during any consecutive 12 month period. The owner/operator shall submit a semi-annual report stating whether the following conditions have been complied with:

1. $(51.0 \text{ lb NO}_x/\text{hr})(\text{Process 101 hours}) + (49.4 \text{ lb NO}_x/\text{hr})(\text{Process 102 hours}) + (21.6 \text{ lb NO}_x/\text{hr})(\text{Process 103 hours}) + (23.6 \text{ lb/hr})(\text{Process 104 hours}) < 80,000 \text{ lbs. NO}_x$
2. $(19.1 \text{ lb PM}_{10}/\text{hr})(\text{Process 101 hours}) + (23.6 \text{ lb PM}_{10}/\text{hr})(\text{Process 102 hours}) + (5.8 \text{ lb PM}_{10}/\text{hr})(\text{Process 103 hours}) + (10.3 \text{ lb PM}_{10}/\text{hr})(\text{Process 104 hours}) < 30,000 \text{ lbs. PM}_{10}$

where: Process 101 hours are the times when Process 101 equipment is operated with the evaporative cooler operating

Process 102 hours are the times when Process 102 equipment is operated with the evaporative cooler operating

Process 103 hours are the times when Process 103 equipment is operated with the evaporative cooler operating

Process 104 hours are the times when Process 104 equipment is operated with the evaporative cooler operating

80,000 lbs NO_x is the PSD + Part 231-2 significance level for this pollutant

30,000 lbs. PM-10 is the PSD significance level for this pollutant



3. The facility shall maintain and operate a device that records each hour of operation of the evaporative cooler. The facility shall also maintain a written or electronic log of when the evaporative cooler operates.

4. If the PSD & Part 231-2 significance levels are exceeded, the facility shall submit records to the Department within 30 days of the end of the month in which the significance exceedance occurred.

Reference Test Method: N/A

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 61: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 61.1:

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

40 CFR 52.21

Item 61.2:

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

Item 61.3:

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

Item 61.4:

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

Item 61.5:

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

Item 61.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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

Item 61.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE COMBUSTION TURBINE WHILE FIRING OIL MAY NOT OPERATE BELOW THE MINIMUM LOAD CORRESPONDING TO THE AMBIENT TEMPERATURE AS SHOWN ON ATTACHMENT 1. FOR EXAMPLE, AT 90 DEGREES F, THE MINIMUM OUTPUT IS 41.9 MW.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Lower Permit Limit: 41.9 megawatt

Reference Test Method: N/A

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 62: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 62.1:

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

40 CFR 52.21

Item 62.2:



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

Item 62.3:

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

Item 62.4:

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

Item 62.5:

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

Item 62.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 62.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The combustion turbine low load operation while firing natural gas is limited to minimum of 21 megawatts except for periods of startup or shutdown.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Manufacturer Name/Model Number: Siemens V64.3

Parameter Monitored: ELECTRICAL OUTPUT

Lower Permit Limit: 21 megawatt

Reference Test Method: N/A

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 63: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 63.1:

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

40 CFR 52.21

Item 63.2:

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

Item 63.3:

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

Item 63.4:

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

Item 63.5:

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

Item 63.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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

Item 63.7:

Compliance Certification shall include the following monitoring:

Capping: Yes



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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FUEL OIL USE IN THE GAS TURBINE IS LIMITED TO 2,000 HOURS PER YEAR, CALCULATED ON A 365 DAY ROLLING TOTAL.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 2000 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 64: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 64.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00004

Item 64.2:

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.

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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)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 65: EPA Region 2 address.
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 65.1:
This Condition applies to:

Emission Unit: U00004

Item 65.1:
This Condition applies to Emission Unit: U-00001

Item 65.2.3:
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

New York State Department of Environmental Conservation

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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 66: Recordkeeping requirements.
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 66.1:
This Condition applies to Emission Unit: U-00001

Item 66.2:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 67: Excess Emissions Report
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 67.1:
This Condition applies to Emission Unit: U-00001

Item 67.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 68: Facility files for subject sources.
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 68.1:



This Condition applies to Emission Unit: U-00001

Item 68.2:

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

Condition 69: Availability of information.
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 69.1:

This Condition applies to Emission Unit: U-00001

Item 69.2:

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

Condition 70: Opacity standard compliance testing.
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 70.1:

This Condition applies to Emission Unit: U-00001

Item 70.2:

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

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

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

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

Condition 71: Monitoring requirements.
Effective between the dates of 04/01/2018 and 03/31/2023



Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 71.1:

This Condition applies to Emission Unit: U-00001

Item 71.2:

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

Condition 72: CEMS

Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 72.1:

This Condition applies to Emission Unit: U-00001

Item 72.2:

The owner or operator of any stationary gas turbine that commenced construction, reconstruction or modification after October 3, 1977, but before July 8, 2004, and which uses water or steam injection to control NOX emissions may, as an alternative to operating the continuous monitoring system described in paragraph (a) of this section, install, certify, maintain, operate, and quality-assure a continuous emission monitoring system (CEMS) consisting of NOX and O2 monitors. As an alternative, a CO2 monitor may be used to adjust the measured NOX concentrations to 15 percent O2 by either converting the CO2 hourly averages to equivalent O2 concentrations using Equation F-14a or F-14b in appendix F to 40 CFR Part 75 and making the adjustments to 15 percent O2, or by using the CO2 readings directly to make the adjustments, as described in Method 20. If the option to use a CEMS is chosen, the CEMS shall be installed, certified, maintained and operated as specified in 40 CFR 60.334(b)(1), (2) and (3).

Condition 73: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 60.334(h)(3), NSPS Subpart GG

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Notwithstanding the provisions of paragraph (h)(1) of 40 CFR 60.334(h), the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is



demonstrated to meet the definition of natural gas in §60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR part 75 of this chapter is required.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 74: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 74.1:

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

40 CFR 52.21

Item 74.2:

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

Item 74.3:

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

Item 74.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This

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certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 74.5:

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

Item 74.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 74.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during first hour of startup on fuel oil. Startup is initiated when the fuel begins being combusted. Emissions are limited to 630.0 lb/hr during the first hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 630.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 75: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 75.1:

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

40 CFR 52.21

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Item 75.2:

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

Item 75.3:

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

Item 75.4:

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

Item 75.5:

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

Item 75.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 101

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

Item 75.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i
Upper Permit Limit: 350.0 pounds per hour
Reference Test Method: 40 CFR 60
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).



Condition 76: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 76.1:

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

40 CFR 52.21

Item 76.2:

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

Item 76.3:

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

Item 76.4:

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

Item 76.5:

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

Item 76.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 101

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

Item 76.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

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Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Monitoring Description:

Pounds per hour limit during second hour of startup on fuel oil. Startup is initiated when the fuel begins being combusted. Emissions are limited to 70.0 lb/hr during the second hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 70.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 77: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 77.1:

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

40 CFR 52.21

Item 77.2:

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

Item 77.3:

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

Item 77.4:

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

Item 77.5:

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

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Facility DEC ID: 6232000018



the Act.

Item 77.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 77.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during second hour of startup on fuel oil. Startup is initiated when the fuel begins being combusted. Emissions are limited to 70.0 lb/hr during the second hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 70.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 78: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 78.1:

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

40 CFR 52.21

Item 78.2:

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

Item 78.3:

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

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

Item 78.4:

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

Item 78.5:

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

Item 78.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 78.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during first hour of startup on fuel oil. Startup is initiated when the fuel begins being combusted. Emissions are limited to 630.0 lb/hr during the first hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 630.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 79: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023



Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 79.1:

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

40 CFR 52.21

Item 79.2:

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

Item 79.3:

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

Item 79.4:

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

Item 79.5:

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

Item 79.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 79.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

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Manufacturer Name/Model Number: Thermo Scientific Model 48i
Upper Permit Limit: 350.0 pounds per hour
Reference Test Method: 40 CFR 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 80: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 80.1:

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

40 CFR 52.21

Item 80.2:

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

Item 80.3:

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

Item 80.4:

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

Item 80.5:

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

Item 80.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 103

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Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 80.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during first hour of startup on natural gas. Startup is initiated when the fuel begins being combusted. Emissions are limited to 630.0 lb/hr during the first hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 630.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 81: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 81.1:

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

40 CFR 52.21

Item 81.2:

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

Item 81.3:

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

Item 81.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an

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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 81.5:

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

Item 81.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 81.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 300.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 82: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 82.1:

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

40 CFR 52.21

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Item 82.2:

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

Item 82.3:

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

Item 82.4:

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

Item 82.5:

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

Item 82.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 82.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during second hour of startup on natural gas. Startup is initiated when the fuel begins being combusted. Emissions are limited to 55.0 lb/hr during the second hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 55.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 83: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 83.1:

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

40 CFR 52.21

Item 83.2:

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

Item 83.3:

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

Item 83.4:

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

Item 83.5:

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

Item 83.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 103

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

Item 83.7:

Compliance Certification shall include the following monitoring:

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Permit ID: 6-2320-00018/00010

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Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 emission limits based on initial testing at the facility. Testing for this process is required once during the term of this permit to confirm compliance with this limit. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 5.8 pounds per hour

Reference Test Method: EPA Method 5 & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 84: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 84.1:

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

40 CFR 52.21

Item 84.2:

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

Item 84.3:

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

Item 84.4:

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

Item 84.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 84.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

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

Item 84.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE LIMIT FOR NO_x EMISSIONS
FROM THE COMBUSTION TURBINE

Manufacturer Name/Model Number: Thermo Scientific 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 21.6 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 85: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 85.1:

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

40 CFR 52.21

Item 85.2:

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

Item 85.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.



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

Item 85.4:

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

Item 85.5:

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

Item 85.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 104

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

Item 85.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during second hour of startup on natural gas. Startup is initiated when the fuel begins being combusted. Emissions are limited to 55.0 lb/hr during the second hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 55.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 86: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018



Item 86.1:

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

40 CFR 52.21

Item 86.2:

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

Item 86.3:

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

Item 86.4:

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

Item 86.5:

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

Item 86.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 86.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during shutdown. Shutdown is limited to 1 hour per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

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Facility DEC ID: 6232000018



Upper Permit Limit: 300.0 pounds per hour
Reference Test Method: 40 CFR 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 87: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 87.1:

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

40 CFR 52.21

Item 87.2:

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

Item 87.3:

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

Item 87.4:

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

Item 87.5:

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

Item 87.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 104



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Permit ID: 6-2320-00018/00010

Facility DEC ID: 6232000018

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 87.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Pounds per hour limit during first hour of startup on natural gas. Startup is initiated when the fuel begins being combusted. Emissions are limited to 630.0 lb/hr during the first hour of startup. Startup is limited to 2 hours per occurrence.

Manufacturer Name/Model Number: Thermo Scientific Model 48i

Upper Permit Limit: 630.0 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 88: Capping Monitoring Condition

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 88.1:

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

40 CFR 52.21

Item 88.2:

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

Item 88.3:

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

Item 88.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the

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facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 88.5:

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

Item 88.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 104

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

Item 88.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 emission limits based on initial testing at the facility. Testing for this process is required once during the term of this permit to confirm compliance with this limit. The monitoring frequency is once per term of the permit if the unit operations are greater than 750 hours in any one year.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 10.3 pounds per hour

Reference Test Method: EPA Method 5/202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 89: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 89.1:

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

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40 CFR 52.21

Item 89.2:

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

Item 89.3:

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

Item 89.4:

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

Item 89.5:

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

Item 89.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

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

Item 89.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD AVOIDANCE LIMIT FOR NO_x EMISSIONS
FOR THE COMBUSTION TURBINE/DUCT BURNER

Manufacturer Name/Model Number: Thermo Scientific Model 42C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 23.6 pounds per hour

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

Condition 90: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 90.1:

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

40 CFR 52.21

Item 90.2:

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

Item 90.3:

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

Item 90.4:

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

Item 90.5:

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

Item 90.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 90.7:

Compliance Certification shall include the following monitoring:

Capping: Yes



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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

EACH EMERGENCY DIESEL GENERATOR SHALL OPERATE FOR NO LONGER THAN 30 MINUTES (0.5 HOUR) PER 24 HOUR PERIOD.

Work Practice Type: HOURS PER DAY OPERATION

Upper Permit Limit: 0.5 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR MAXIMUM - NOT TO BE EXCEEDED MORE THAN ONCE PER CALENDAR YEAR

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 91: Capping Monitoring Condition
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 91.1:

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

40 CFR 52.21

Item 91.2:

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

Item 91.3:

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

Item 91.4:

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

Item 91.5:

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

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the Act.

Item 91.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 91.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE EMERGENCY DIESEL GENERATORS ARE TO OPERATE FOR A CUMULATIVE TOTAL OF NO MORE THAN 52 HOURS PER YEAR (FOR BOTH ENGINES).

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 52 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 92: Compliance Certification

Effective between the dates of 04/01/2018 and 03/31/2023

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TWO EMERGENCY DIESEL GENERATORS SHALL NOT OPERATE SIMULTANEOUSLY EXCEPT FOR PERIODS OF STARTUP, SHUTDOWN, TESTING, OR MALFUNCTION.

Monitoring Frequency: CONTINUOUS



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Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 97: Compliance Certification
Effective between the dates of 04/01/2018 and 03/31/2023

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

Item 97.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 102

Emission Source: 00003

Emission Unit: U-00001

Process: 104

Emission Source: 00003

Emission Unit: U-00001

Process: 108

Emission Source: 00003

Emission Unit: U-00004

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

**** NOTE**** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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 98: Contaminant List
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable State Requirement:ECL 19-0301

Item 98.1:

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

CAS No: 000630-08-0
Name: CARBON MONOXIDE

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

CAS No: 007664-41-7
Name: AMMONIA

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

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

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

CAS No: 0NY998-00-0
Name: VOC



Condition 99: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable State Requirement:6 NYCRR 201-1.4

Item 99.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the 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 100: Visible Emissions Limited
Effective between the dates of 04/01/2018 and 03/31/2023

Applicable State Requirement:6 NYCRR 211.2

Item 100.1:

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

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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.