

Facility DEC ID: 2620400064

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

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
 Permit ID: 2-6204-00064/00005
 Effective Date: 10/21/2019 Expiration Date: 10/20/2024

Permit Issued To: SOCIETY OF NEW YORK HOSPITAL
 525 E 68TH ST
 NEW YORK, NY 10065-4873

Contact: GREGORY J CAMACHO
 NEW YORK PRESBYTERIAN HOSPITAL
 627 W 165TH ST
 NEW YORK, NY 10032
 (212) 305-0014

Facility: NY - PRESBYTERIAN HOSPITAL-525 E 68TH ST
 525 EAST 68TH ST
 NEW YORK, NY 10021

Contact: Patrick Ford
 NEW YORK PRESBYTERIAN HOSPITAL
 525 E 68TH ST
 NEW YORK, NY 10065
 (212) 746-4223

Description:
 New York Presbyterian hospital (NYPH) down town campus (also known as Presbyterian Weill Cornell Campus) currently has a Title V permit to operate a few stationary combustion sources that include four large size boilers, a cogeneration(cogen) plant, and two ethylene oxide sterilizers both connected to a common abator. The hospital also operates nine (9) diesel firing emergency generators, eleven (11) fuel oil storage tanks and a few fume hoods.

The three of the four boilers are rated at 145 MMBtu/hr each and the fourth boiler is rated at 137.5 MMBtu/hr. All four boilers are capable of firing natural gas and No. 2 fuel oil. Emissions vent via a common stack. The cogeneration plant consists of one 85.7MMbtu/hr turbine and one 37.9MMbtu/hr duct burner. Cogen operates on natural gas only and the exhaust breeching system is connected to the commom boilers' stack for final venting to atmosphere.

The NOx emissions from the boilers and cogen plant are in compliance with NOx RACT requirement. The cogen plant is tested for NOx every other year (once in two years), and boilers, once during the term of the permit.

This application is submitted to the department to seek permit renewal (#3).

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

Permit Administrator: STEPHEN A WATTS
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5401

Authorized Signature: _____ Date: ___ / ___ / _____

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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.

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Facility Level

- 5 5 Submission of application for permit modification or renewal -
REGION 2 HEADQUARTERS

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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.

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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 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: SOCIETY OF NEW YORK HOSPITAL
525 E 68TH ST
NEW YORK, NY 10065-4873

Facility: NY - PRESBYTERIAN HOSPITAL-525 E 68TH ST
525 EAST 68TH ST
NEW YORK, NY 10021

Authorized Activity By Standard Industrial Classification Code:
8062 - GENERAL MEDICAL & SURGICAL HOSPITALS

Permit Effective Date: 10/21/2019

Permit Expiration Date: 10/20/2024

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- 9 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 9 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 9 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 12 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 14 7 6 NYCRR 202-2.1: Compliance Certification
- 14 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 14 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 16 10 6 NYCRR 200.7: Maintenance of Equipment
- 16 11 6 NYCRR 201-1.7: Recycling and Salvage
- 16 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 16 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 16 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 17 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 17 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 18 6 NYCRR 202-1.1: Required Emissions Tests
- 18 19 40 CFR Part 68: Accidental release provisions.
- 19 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 19 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 20 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
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- 20 24 6 NYCRR 211.2: Visible Emissions Limited
- 20 25 6 NYCRR 225-1.2 (h): Compliance Certification
- 21 26 6 NYCRR 225-1.5 (c): Compliance Certification
- 22 27 6 NYCRR 225-1.6 (f): Compliance Certification
- 23 28 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 23 29 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 23 30 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 24 31 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 24 32 40CFR 60.13(a), NSPS Subpart A: Continuous Monitoring Requirements
- 24 33 40CFR 60.13(c), NSPS Subpart A: Compliance Certification
- 25 34 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
- 26 35 40CFR 60.13(h), NSPS Subpart A: Monitoring Requirements
- 27 36 40CFR 60, NSPS Subpart III: Applicability
- 27 37 40CFR 60, NSPS Subpart KKKK: Applicability
- 27 38 40CFR 63, Subpart JJJJJ: Applicability
- 28 39 40CFR 63, Subpart ZZZZ: Applicability
- 28 40 40CFR 63, Subpart ZZZZ: Engines at Area sources of HAP
- 28 **Emission Unit Level**
- 28 41 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 29 42 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 30 43 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

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EU=U-00001

- 31 *44 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 32 *45 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 34 *46 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 36 47 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=U-00001,Proc=001,ES=S0009

- 37 48 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 38 49 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=U-00001,Proc=002

- 39 50 6 NYCRR 227.2 (b) (1): Compliance Certification
- 40 51 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

EU=U-00001,Proc=002,ES=S0009

- 40 52 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 41 53 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 42 54 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification

EU=U-00001,Proc=CNG

- 42 *55 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 44 *56 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 46 57 6 NYCRR 227-2.4 (e) (3): Compliance Certification
- 47 58 6 NYCRR 227-2.4 (e) (3): Compliance Certification
- 48 59 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification
- 49 60 40CFR 60.4330, NSPS Subpart KKKK: Compliance Certification

EU=U-00001,Proc=CNG

- 49 61 40CFR 60.4365(a), NSPS Subpart KKKK: Compliance Certification
- 50 62 40CFR 60.4400(b), NSPS Subpart KKKK: NOx performance testing methodology

EU=U-00001,Proc=CNG,ES=S0010

- 51 63 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification

EU=U-00001,Proc=CNG,ES=S0011

- 52 64 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification

EU=U-00001,EP=E0001

- 53 65 6 NYCRR 227-1.3 (a): Compliance Certification

EU=U-00002,Proc=003

- 53 66 40CFR 63.10390, Subpart WWWW: Management practice standard
- 54 67 40CFR 63.10432, Subpart WWWW: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

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- 56 68 ECL 19-0301: Contaminant List
- 56 69 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 57 70 6 NYCRR 211.1: Air pollution prohibited

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57 71 6 NYCRR 212-2.2: Compliance Demonstration
Emission Unit Level

EU=U-00001,EP=E0001

58 72 6 NYCRR 227-1.4 (a): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 3/FINAL

**** 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

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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;

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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.

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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 10/21/2019 and 10/20/2024**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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

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Condition 2: Fees

Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 2.1:

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

Condition 3: Recordkeeping and Reporting of Compliance Monitoring

Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 3.1:

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

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 10/21/2019 and 10/20/2024

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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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping 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.

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

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

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department’s Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
 Hunters Point Plaza
 47-40 21st Street
 Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
 Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. 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 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 202-2.5

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

- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 10/21/2019 and 10/20/2024

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.

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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

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be specified as "not applicable".]

Condition 10: Maintenance of Equipment
 Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
 Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
 Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
 Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility
 Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this

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

Condition 15: Requirement to Provide Information
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 16.1:

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

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

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

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

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

Condition 17: Off Permit Changes
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit

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term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 18: Required Emissions Tests
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Accidental release provisions.
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 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:

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

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Emission Unit Definition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: U-00001

Emission Unit Description:

This emission unit consists of three (3) 145 mmbtu/hr boilers (Boiler # 1, 2 & 3), one (1) 137.8mmbtu/hr boiler (Boiler # 4 installed in 2004), one (1) 85.7 mmbtu/hr Solar Combustion Turbine (combined cycle combustion operation) and one (1) 37.9 mmbtu/hr Eclipse duct burner. The flue gases will be discharged through a common stack (Emission point 00001).

All the boilers are dual fuel fired (natural gas and no. 2 fuel oil) and the flue gases exit through the common stack. The Emission point 00001 is fitted with a continuous opacity monitoring System (COMS).

Building(s): ANNEX

Item 21.2:

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit consists of two Amsco ethylene oxide sterilizers and one Amsco abator unit.

Building(s): MAIN

Condition 22: Progress Reports Due Semiannually

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Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 22.1:

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

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

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

Condition 23: Facility Permissible Emissions

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 23.1:

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: 007446-09-5	PTE: 1,128,229 pounds per year
Name: SULFUR DIOXIDE	

CAS No: 0NY210-00-0	PTE: 792,943 pounds per year
Name: OXIDES OF NITROGEN	

Condition 24: Visible Emissions Limited

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 211.2

Item 24.1:

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

Condition 25: Compliance Certification

Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 26.1:

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

Emission Unit: U-00001
 Process: 002

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Measurements must be made daily of the rate of each fuel fired. The gross heat content and ash content of each fuel fired must be determined at least once each week. In the case of stationary combustion installations producing electricity for sale, the average electrical output and the hourly generation rate must also be measured.

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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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (f)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: EPA Region 2 address.

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Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 28.1:

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

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

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

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

Condition 29: Recordkeeping requirements.
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 29.1:

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 30: Performance testing facilities.
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 30.1:

This Condition applies to:

Emission Unit: U00001
Process: 001 Emission Source: S0009

Emission Unit: U00001
Process: 002 Emission Source: S0009

Item 30.2:

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

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evaluation of the COMS as specified in Performance Specification 1, appendix B, of 40CFR 60 before the performance test required under §60.8 is conducted. Otherwise, the owner or operator of an affected facility shall conduct a performance evaluation of the COMS or continuous emission monitoring system (CEMS) during any performance test required under §60.8 or within 30 days thereafter in accordance with the applicable performance specification in appendix B of 40CFR 60. The owner or operator of an affected facility shall conduct COMS or CEMS performance evaluations at such other times as may be required by the Administrator under section 114 of the Act.

(1) The owner or operator of an affected facility using a COMS to determine opacity compliance during any performance test required under §60.8 and as described in §60.11(e)(5) shall furnish the Administrator two or, upon request, more copies of a written report of the results of the COMS performance evaluation described in 40CFR60.13(c) at least 10 days before the performance test required under §60.8 is conducted.

(2) Except as provided in paragraph 40CFR60.13(c)(1), the owner or operator of an affected facility shall furnish the Administrator within 60 days of completion two or, upon request, more copies of a written report of the results of the performance evaluation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.13(e), NSPS Subpart A

Item 34.1:

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

Emission Unit: U-00001
 Process: 001

Emission Source: S0009

Emission Unit: U-00001
 Process: 002

Emission Source: S0009

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under

Permit ID: 2-6204-00064/00005

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paragraph 40 CFR 60.13 (d) of this section, all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

(1) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(2) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 35: Monitoring Requirements
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A

Item 35.1:

This Condition applies to:

Emission Unit: U00001
 Process: 001 Emission Source: S0009

Emission Unit: U00001
 Process: 002 Emission Source: S0009

Item 35.2: Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to 6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in §60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or non reduced form (e.g., ppm pollutant and percent O₂ or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

Condition 36: Applicability

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Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 36.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 37: Applicability

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart KKKK

Item 37.1:

This Condition applies to:

Emission Unit: U00001
Process: CNG Emission Source: S0010

Emission Unit: U00001
Process: CNG Emission Source: S0011

Item 37.2:

Facilities with a stationary combustion turbine with a heat input at peak load equal to or greater than 10.7 gigajoules (10 MMBtu) per hour, based on the higher heating value of the fuel, which commenced construction, modification, or reconstruction after February 18, 2005 are subject to the requirements of 40 CFR 60 Subpart KKKK.

Condition 38: Applicability

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 63, Subpart JJJJJ

Item 38.1:

This Condition applies to:

Emission Unit: U00001
Process: 001 Emission Source: S0001

Emission Unit: U00001
Process: 001 Emission Source: S0002

Emission Unit: U00001
Process: 001 Emission Source: S0003

Emission Unit: U00001
Process: 001 Emission Source: S0009

Emission Unit: U00001

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Process: 002 Emission Source: S0001

Emission Unit: U00001
Process: 002 Emission Source: S0002

Emission Unit: U00001
Process: 002 Emission Source: S0003

Emission Unit: U00001
Process: 002 Emission Source: S0009

Item 38.2:

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJ.

Condition 39: Applicability
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 39.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

Condition 40: Engines at Area sources of HAP
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 40.1:

Internal combustion engines, constructed or re-constructed on or after June 12, 2006, that meet the requirements of 40 CFR 60 Subpart IIII or Subpart JJJJ meet the requirements of 40 CFR 63 Subpart ZZZZ.

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

Condition 41: Emission Point Definition By Emission Unit
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 41.1:

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

Emission Unit: U-00001

Emission Point: E0001

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Emission Unit: U-00001

Process: CNG

Source Classification Code: 1-03-006-02

Process Description:

The process CNG is when the turbine and the duct burner fire natural gas and flue gases will exhaust via a common stack E0001

Emission Source/Control: S0010 - Combustion

Design Capacity: 85.7 million BTUs per hour

Emission Source/Control: S0011 - Combustion

Design Capacity: 37.9 million Btu per hour

Item 42.4:

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

Emission Unit: U-00002

Process: 003

Source Classification Code: 3-15-020-01

Process Description:

The process 003 is when emission unit U-00002 consists of two (2) Ethylene oxide sterilizers and an abato. Sterilizer uses 100% ETO cartridges of 100 grams each.

ETO sterilizers will be operated once a day, five days a week for 52 weeks.520 cycles/year

Emission Source/Control: S0008 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: S0006 - Process

Emission Source/Control: S0007 - Process

Condition 43: Emission Unit Permissible Emissions

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 43.1:

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: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 131.43 pounds per hour

1,128,229 pounds per year

CAS No: 0NY210-00-0

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Name: OXIDES OF NITROGEN

PTE(s): 61.7 pounds per hour

540,520 pounds per year

Condition 44: Capping Monitoring Condition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 44.1:

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 44.2:

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

Item 44.3:

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 44.4:

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 44.5:

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 44.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 44.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition applies to the Babcock and Wilcox boiler (S0009) rated 137.8 mmbtu/hr firing oil and gas and installed in 1/1/2006

This permit limit was established based on the cap from the PSD applicability at the time of the permit issuance of this boiler operation.

Annual SO₂ emissions from this boiler shall not exceed 39.5 tpy, rolled monthly.

On a monthly basis, facility shall calculate boiler S0009 SO₂ emissions for the year(previous consecutive 12 months) using the following formula based on its fuel usage..

$$\{(total\ gallons\ of\ oil\ in\ thousands\ per\ year \times 5.7S\ pounds/thousand\ gallon) + (total\ million\ cubic\ feet\ of\ gas/yr \times 0.6\ lbs/million\ cubic\ feet)\} / 2000 \leq 39.5$$
 tpy

where 5.7S and 0.6 are AP 42 Emission factors for boilers > 100 mmbtu/hr firing #2 oil and natural gas; S is weight % of sulfur in oil.

Facility shall maintain records on site demonstrating compliance with this SO₂ limit for a period of five years. Records shall be based on verifiable data such as fuel metering data or fuel purchase records to confirm the general accuracy of the monthly fuel usage amounts. This information shall be made available to the department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 39.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 45: Capping Monitoring Condition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 45.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

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 45.2:

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

Item 45.3:

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 45.4:

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 45.5:

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 45.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 45.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition applies to the Babcock and Wilcox boiler (S0009) rated 137.8 mmbtu/hr which was installed in 1/1/2006

This permit limit was established based on the cap from the PSD applicability at the time of the permit issuance of this boiler operation.

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Annual NOx emissions from this boiler shall not exceed 39.5 tpy, rolled monthly.

On a monthly basis, facility shall calculate boiler S0009 NOx emissions for the year(previous consecutive 12 month) using the following formula based on its fuel usage..

$$\{(total\ mmbtu\ per\ year\ from\ \#2\ oil\ x\ 0.15\ lb/mmbtu) + (total\ mmbtu/yr\ from\ natural\ gas\ x\ 0.15\ lb/mmbtu)\} / 2000lb\ per\ ton \leq 39.5\ tpy$$

The emission factor shall be verified by performing a stack emission testing once during the permit term. Facility shall maintain records on site demonstrating compliance with this NOx limit for a period of five years. Records shall be based on verifiable data such as fuel metering data or fuel purchase records to confirm the general accuracy of the monthly fuel usage amounts. This information shall be made available to the department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 39.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 46: Capping Monitoring Condition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 46.1:

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:

6 NYCRR Subpart 231-2

Item 46.2:

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

Item 46.3:

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.

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

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 46.4:

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 46.5:

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 46.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 46.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition applies to Emission Unit U00001 which consists of four boilers, and a cogen unit(turbine and duct burner).

Annual NOx emissions from this emission unit shall not exceed 324.5 tons, rolled monthly. The facility has capped out from part 231 -2 applicability while installing boiler S0009 and cogeneration unit (S0010 and S0011) by keeping the NOx Maximum Annual Potential (MAP) the same (or less) as the before. MAP of the three existing boilers was 324.31 TPY for NOx.

On a monthly basis, facility shall calculate total NOx emissions for the year (previous consecutive 12 months) using the following formula based on the fuel usage.

$$\{D (0.02)\text{lbs/gallon} + G (140)\text{lbs/million cubic feet} + T(\text{NOx emission factor from most recent stack test in pounds per million cubic feet})\}/(2000 \text{ pounds per ton} < 324 \text{ Tons/year of the Oxides of Nitrogen emissions.}$$

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Where D= 12 month rolling total of Distillate oil usage in gal/yr (From all the boilers in the facility)

G=12 month rolling total of natural gas usage in in million cubic feet per year (of all the boilers in the facility)

T= 12 month rolling total of natural gas usage in million cubic feet per year(used in Turbine & Duct burner

The emission factors used in the calculation shall be verified by performing a stack test least once during the permit term.

Facility shall maintain records on site demonstrating compliance with this NOx limit for a period of five years. Records shall be based on verifiable data such as fuel metering data or fuel purchase records to confirm the general accuracy of the monthly fuel usage amounts. This information shall be made available to the department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 324 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 47: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (1) (ii)

Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 001

Emission Source: S0001

Emission Unit: U-00001

Process: 001

Emission Source: S0002

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Applicable Federal Requirement:40CFR 60.43b(f), NSPS Subpart Db

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: S0009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 49: Compliance Certification

Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 002

Emission Source: S0009

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide for any reporting period during

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 50: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

At the monitoring frequency stated below the facility shall perform the following:

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

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Facility DEC ID: 2620400064

stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES
 Upper Permit Limit: 0.10 pounds per million Btus
 Reference Test Method: EPA RM 5
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 51.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001
 Process: 002

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

Item 51.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 52: Demonstration criteria for low sulfur oil.
Effective between the dates of 10/21/2019 and 10/20/2024

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

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

Item 52.1:

This Condition applies to Emission Unit: U-00001

Process: 002

Emission Source: S0009

Item 52.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO2 emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 53: Compliance Certification

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.43b(f), NSPS Subpart Db

Item 53.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 53.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 6 MINUTE AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 54.1:

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

Emission Unit: U-00001

Emission Unit: U-00001
 Process: 001

Emission Source: S0009

Emission Unit: U-00001
 Process: 002

Emission Source: S0009

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 55: Capping Monitoring Condition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 55.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

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Facility DEC ID: 2620400064

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 55.2:

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

Item 55.3:

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

Item 55.4:

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

Item 55.5:

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 55.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: CNG

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

Item 55.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition applies to the Cogen Unit (combustion turbine and duct burner) emission sources S0010 & S0011, process CNG. This permit limit was established based on the cap from the PSD applicability at the time of the permit issuance for the cogeneration unit operation.

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Annual SO₂ emissions from the turbine and duct burner operation shall not exceed 39.5 tons, rolled monthly. On a monthly basis, facility shall calculate total SO₂ emissions for the year (previous consecutive 12 months) using the following formula based on the fuel usage.

$$\{(12 \text{ month rolling total of natural gas usage in million cubic feet per year used in turbine \& duct burner}) \times (\text{SO}_2 \text{ emission factor in pounds per million btu})\} / 2000 \leq 39.5 \text{ tpy}$$

AP-42 emission factors or stack test emission factors shall be used

Facility shall maintain records on site demonstrating compliance with the SO₂ limit for a period of five years. Records shall be based on verifiable data such as fuel metering data or fuel purchase records to confirm the general accuracy of the monthly fuel usage amounts. This information shall be made available to the department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 39.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 56: Capping Monitoring Condition
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 56.1:

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 56.2:

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

Item 56.3:

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

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Facility DEC ID: 2620400064

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 56.4:

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 56.5:

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 56.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: CNG

Regulated Contaminant(s):

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

Item 56.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition applies to the Cogen Unit (combustion turbine and duct burner) emission sources S0010 & S0011, process CNG. This permit limit was established based on the cap from the PSD applicability at the time of the permit issuance for the cogeneration unit operation.

Annual NOx emissions from the turbine and duct burner operation shall not exceed 39.5 tons, rolled monthly.

On a monthly basis, facility shall calculate total NOx emissions for the year (previous consecutive 12 months) using the following formula based on the fuel usage.

$$\{(12 \text{ month rolling total of natural gas usage in million cubic feet per year used in turbine \& duct burner}) \times (\text{most recent stack test emission factor in pounds per million btu})\} / 2000 \leq 39.5 \text{ tpy}$$

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

The emission factor shall be verified by performing a stack test atleast once during the permit term.

Facility shall maintain records on site demonstrating compliance with this NOx limit for a period of five years. Records shall be based on verifiable data such as fuel metering data or fuel purchase records to confirm the general accuracy of the monthly fuel usage amounts. This information shall be made available to the department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
 Process Material: NATURAL GAS
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 39.5 tons per year
 Monitoring Frequency: MONTHLY
 Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR 227-2.4 (e) (3)

Item 57.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001
 Process: CNG

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

Item 57.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:
 Emission Sources S0010 & S0011
 NOx emissions of turbine firing natural gas with duct firing is limited to 9 ppmvd (corrected to 15% O2).

Emissions for these processes shall be verified by performing stack testing. Owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a

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minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: 40 CFR 60 Appendix A-Method 20
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 6 NYCRR 227-2.4 (e) (3)

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: CNG

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission Sources S0010
NO_x emissions of turbine firing natural gas (without duct
firing) is limited to 9 ppmvd (corrected to 15% O₂).

Emissions shall be verified by performing stack testing.
Owner or operator shall submit a testing protocol to the
Department for approval a minimum of 30 days prior to any
stack testing.

The owner or operator will maintain records on-site for a
minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: 40 CFR 60 Appendix A-Method 20
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

The initial report is due 1/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 40CFR 60.4320(a), NSPS Subpart KKKK

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: CNG

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emissions of turbine firing natural gas with and without duct firing must not exceed the 25 ppm at 15% O₂.

Compliance with this emission standard shall be determined according to the annual performance tests as specified in §60.4340(a).

Performance tests shall be conducted according to the test methodologies listed in §60.4400(a)(1)-(3) as applicable. If the NO_x emission result from the performance test is less than or equal to 75% of the NO_x emission limit for the turbine, the facility may reduce the frequency of subsequent performance tests to once every two years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceeds 75% of the NO_x emission limit for the turbine, the facility must resume annual performance tests.

All stack test protocol must be sent to the Department for approval at least 30 days before the stack test is scheduled and the facility must submit a written report of the results of each performance test before the close of business on the 60th day following the completion of the performance test.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 Appendix A Method 20

Permit ID: 2-6204-00064/00005

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Monitoring Frequency: ANNUALLY
 Averaging Method: 3-HOUR BLOCK AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.4330, NSPS Subpart KKKK

Item 60.1:

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

Emission Unit: U-00001	
Process: CNG	Emission Source: S0010
Emission Unit: U-00001	
Process: CNG	Emission Source: S0011
Regulated Contaminant(s):	
CAS No: 007446-09-5	SULFUR DIOXIDE

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

The emission limit for sulfur dioxide from a stationary combustion turbine is 0.060 lb SO₂/MMBtu heat input. If the turbine simultaneously fires multiple fuels, each fuel must meet this requirement.

Parameter Monitored: SULFUR DIOXIDE
 Upper Permit Limit: 0.060 pounds per million Btus
 Monitoring Frequency: ANNUALLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.4365(a), NSPS Subpart KKKK

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
 Process: CNG

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility may elect not to monitor the total sulfur content of the fuel combusted in the turbine, if the fuel is demonstrated not to exceed potential sulfur emissions of 26 ng SO₂/J (0.060 lb SO₂/mmBtu) heat input.

The facility must use the fuel quality characteristics in a current, valid purchase contract, tariff sheet, or transportation contract for the fuel, specifying that:

- 1) The total sulfur content for natural gas use is 20 grains of sulfur or less per 100 standard cubic feet, or
- 2) Has potential sulfur emissions of less than 26 ng SO₂/J (0.060 lb SO₂/mmBtu) heat input.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR

Upper Permit Limit: 20 grains per 100 dry standard cubic ft (corrected to 7% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 62: NO_x performance testing methodology

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 60.4400(b), NSPS Subpart KKKK

Item 62.1:

This Condition applies to:

Emission Unit: U00001

Emission Point: E0001

Process: CNG

Emission Source: S0010

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For a facility with a new turbine firing natural gas and if the combustion turbine heat input at peak load (HHV) is greater than 50 mmBtu/hr and less than or equal to 850 mmBtu/hr, the facility must not exceed the NOx emission standard of 25 ppm at 15% O2.

Compliance with this emission standard shall be determined according to the annual performance tests as specified in §60.4340(a).

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: EPA Method 7E or EPA Method 20

Monitoring Frequency: ANNUALLY

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

**Condition 64: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024**

Applicable Federal Requirement:40CFR 60.4320(a), NSPS Subpart KKKK

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: CNG

Emission Source: S0011

Regulated Contaminant(s):

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

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For a facility with a new turbine firing natural gas and if the combustion turbine heat input at peak load (HHV) is greater than 50 mmBtu/hr and less than or equal to 850 mmBtu/hr, the facility must not exceed the NOx emission standard of 25 ppm at 15% O2.

Compliance with this emission standard shall be determined according to the annual performance tests as specified in

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§60.4340(a).

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 25 parts per million by volume (dry,
 corrected to 15% O2)
 Reference Test Method: EPA Method 7E or EPA Method 20
 Monitoring Frequency: ANNUALLY
 Averaging Method: 3-HOUR BLOCK AVERAGE
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 12 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 10/21/2019 and 10/20/2024

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

Item 65.1:
 The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001

Item 65.2:
 Compliance Certification shall include the following monitoring:

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

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

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 6 MINUTE AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2020.
 Subsequent reports are due every 3 calendar month(s).

Condition 66: Management practice standard
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement:40CFR 63.10390, Subpart WWWW

Item 66.1:
 This Condition applies to Emission Unit: U-00002
 Process: 003

Permit ID: 2-6204-00064/00005

Facility DEC ID: 2620400064

Item 66.2:

The facility must sterilize full loads of items having a common aeration time, except under medically necessary circumstances, as that term is defined in §63.10448.

Condition 67: Compliance Certification

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable Federal Requirement: 40CFR 63.10432, Subpart WWWW

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 003

Regulated Contaminant(s):

CAS No: 000075-21-8 ETHYLENE OXIDE

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the following records:

(a) A copy of the Initial Notification of Compliance Status that you submitted to comply with this subpart.

(b) Records required by §63.10420 for each sterilization unit not equipped with an air pollution control device.

The facility records must be in a form suitable and readily available for expeditious review, and the facility must keep each record for 5 years following the date of each record. Records must be kept onsite for at least 2 years after the date of each record and may be kept offsite for the remaining 3 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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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

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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 68: Contaminant List
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable State Requirement:ECL 19-0301

Item 68.1:

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

CAS No: 000075-21-8
Name: ETHYLENE OXIDE

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

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

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

Condition 69: Malfunctions and start-up/shutdown activities
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable State Requirement:6 NYCRR 201-1.4

Item 69.1:

(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.

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(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 70: Air pollution prohibited
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable State Requirement:6 NYCRR 211.1

Item 70.1:

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 71: Compliance Demonstration
Effective between the dates of 10/21/2019 and 10/20/2024

Applicable State Requirement:6 NYCRR 212-2.2

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Item 71.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000075-21-8 ETHYLENE OXIDE

Item 71.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Ethylene oxide(ETO) emissions from the facility is limited to 22 tons per year.

Facility must calculate the total annual ETO emissions to demonstrate the permit limit.

Abators must be operational while sterilization units are in use. Facility must operate and maintain ETO sterilizers according to the manufacture's recommendations.

The facility must keep a record of the following on site for a minimum of five years and must be available to the Department upon request.

1. Number of cycles and operation hours of ETO units.
2. Number ETO gas cartridges and amount of ETO used per use.
3. Calculate previous 12 month total ETO emissions in pounds on a monthly rolling basis
4. Date of resin replacement and documentation demonstrating the efficiency of the abator.

Parameter Monitored: ETHYLENE OXIDE

Upper Permit Limit: 24 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

**** Emission Unit Level ****

Condition 72: Compliance Demonstration

Effective between the dates of 10/21/2019 and 10/20/2024

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 72.1:

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Facility DEC ID: 2620400064

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Item 72.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Appendix B, 40 CFR 60

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

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