

Facility DEC ID: 3392400025

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-3924-00025/00821
Effective Date: 12/03/2020 Expiration Date: 12/02/2025

Permit Issued To: PEARL RIVER CAMPUS LLC
4020 KINROSS LAKES PKWY STE 200
RICHFIELD, OH 44286

Facility: PEARL RIVER CAMPUS LLC
401 N MIDDLETOWN RD
PEARL RIVER, NY 10965-1299

Contact: NEIL WILSON
Pearl River Campus LLC
4020 Kinross Lakes Pkwy Ste 200
Richfield, OH 44286
(330) 808-2496

Description:

The Pearl River Campus LLC facility, located in Pearl River, is engaged in the business as a lessor of nonresidential buildings and management of the property. Besides the tenant operations which are conducted under their own permits, the Pearl River Campus LLC facility operates a number of facility support functions such as warehouses, tanks, wastewater treatment and combustion related sources that generate steam and electricity for use on site.

This permit contains numerous, previously established, air monitoring and recordkeeping requirements. These requirements include but are not limited to:

Annual restriction on NOx emissions under 6NYCRR Part 201-7.
Annual fuel use and run time limits under 6NYCRR Part 201-7.
Short term Carbon Monoxide emission limits under 6NYCRR Part 231-8.
Short term Particulate emission limits under 6NYCRR Part 231-8.
Annual fuel use and run time limits under 6NYCRR Part 231-6.
Operation of Continuous Emissions Monitoring Systems under 40CFR Part 60 Subpart GG.

This permit also identifies lower Oxide of Nitrogen (NOx) emission limits in accordance with the 2020 NOx Reasonably Available Control Technology (RACT) plan that applies to Emission Units F-00001 (Boiler No. 4), F-00002 (Turbine/Boiler No. 1 and Turbine/Boiler No. 2, F-00004 (Boiler No. 5) and F-00005 (Boiler No. 3). Case by case NOx RACT emission limits are defined as follows:

EU F-00005 (Boiler No. 3) - 0.15 lb NOx / MMBtu firing either natural gas or fuel oil.
EU F-00005 (Boiler No. 3) - annual rolling NOx limit of 24.1 tpy.
EU F-00001 (Boiler No. 4) - 0.23 lb NOx / MMBtu firing natural gas.
EU F-00001 (Boiler No. 4) - 0.26 lb / MMBtu firing fuel oil.

Facility DEC ID: 3392400025

EU F-00001 (Boiler No. 4) - annual rolling NOx limit of 33.1 tpy.
EU F-00004 (Boiler No. 5) - 0.20 lb/MMBtu firing natural gas.
EU F-00004 (Boiler No. 5) - 0.30 lb/MMBtu firing fuel oil.
EU F-00004 (Boiler No. 5) - annual rolling NOx limit of 52.2 tpy.
EU F-00002 (Combined cycle No. 1 and No. 2) - 42 ppmvd (at 15% O2) firing natural gas.
EU F-00002 (Combined cycle No. 1 and No. 2) - 65 ppmvd (at 15% O2) firing fuel oil.
EU F-00002 (Combined cycle No. 1 and No. 2) - annual rolling NOx limit of 209 tpy.
Annual boiler inspection and maintenance activities.

The Standard Industrial Classification representative of the facility is 6512 – Operators of Nonresidential Buildings (equivalent NAICS 531120).

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: REBECCA S CRIST
21 S PUTT CORNERS RD
NEW PALTZ, NY 12561

Authorized Signature: _____ Date: ___ / ___ / ___

Facility DEC ID: 3392400025

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.

Facility DEC ID: 3392400025

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 4 1 Facility Inspection by the Department
- 4 2 Relationship of this Permit to Other Department Orders and Determinations
- 4 3 Applications for permit renewals, modifications and transfers
- 5 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 5 5 Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

Facility DEC ID: 3392400025

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

Facility DEC ID: 3392400025

submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 3
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 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: PEARL RIVER CAMPUS LLC
4020 KINROSS LAKES PKWY STE 200
RICHFIELD, OH 44286

Facility: PEARL RIVER CAMPUS LLC
401 N MIDDLETOWN RD
PEARL RIVER, NY 10965-1299

Authorized Activity By Standard Industrial Classification Code:
2833 - MEDICINALS AND BOTANICALS
2834 - PHARMACEUTICAL PREPARATIONS
2836 - BIOLOGICAL PRODUCTS, EXCEPT DIAGNOSTIC
6512 - NONRESIDENTIAL BUILDING OPERATORS
8731 - COMMERCIAL PHYSICAL RESEARCH
9999 - NONCLASSIFIABLE ESTABLISHMENTS

Permit Effective Date: 12/03/2020

Permit Expiration Date: 12/02/2025

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

7	1	6 NYCRR 200.6: Acceptable Ambient Air Quality
8	2	6 NYCRR 201-6.4 (a) (7): Fees
8	3	6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
8	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
11	6	6 NYCRR 201-6.4 (e): Compliance Certification
13	7	6 NYCRR 202-2.1: Compliance Certification
13	8	6 NYCRR 202-2.5: Recordkeeping requirements
13	9	6 NYCRR 215.2: Open Fires - Prohibitions
15	10	6 NYCRR 201-1.7: Recycling and Salvage
15	11	6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
15	12	6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
15	13	6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
16	14	6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
16	15	6 NYCRR 201-6.4 (a) (8): Right to Inspect
16	16	6 NYCRR 201-6.4 (f) (6): Off Permit Changes
17	17	6 NYCRR 202-1.1: Required Emissions Tests
17	18	40 CFR Part 68: Accidental release provisions.
18	19	40CFR 82, Subpart F: Recycling and Emissions Reduction
18	20	6 NYCRR Subpart 201-6: Emission Unit Definition
20	21	6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
20	22	6 NYCRR 201-6.4 (g): Non Applicable requirements
20	23	6 NYCRR Subpart 201-7: Facility Permissible Emissions
20	24	6 NYCRR 211.2: Visible Emissions Limited
21	25	6 NYCRR 225-1.2 (h): Compliance Certification
21	26	6 NYCRR 227-2.4 (b) (2): Compliance Certification
22	27	6 NYCRR 227-2.4 (b) (2): Compliance Certification
23	28	6 NYCRR 227-2.4 (b) (2): Compliance Certification
23	29	6 NYCRR 227-2.4 (b) (2): Compliance Certification
24	30	6 NYCRR 227-2.4 (b) (2): Compliance Certification
25	31	6 NYCRR 227-2.4 (e) (2): Compliance Certification
26	32	6 NYCRR 227-2.4 (e) (2): Compliance Certification
27	33	6 NYCRR 227-2.5 (c): Compliance Certification
28	34	6 NYCRR 227-2.5 (c): Compliance Certification
29	35	40CFR 60.334(b), NSPS Subpart GG: Compliance Certification
30	36	40CFR 60, NSPS Subpart IIII: Compliance Certification
30	37	40CFR 63, Subpart JJJJJ: Compliance Certification
30	38	40CFR 63, Subpart ZZZZ: Compliance Certification
		Emission Unit Level
31	39	6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
33	40	6 NYCRR Subpart 201-6: Process Definition By Emission Unit
39	41	6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions
40	42	6 NYCRR 227-1.3 (a): Compliance Certification

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

EU=F-00002

- 40 43 6 NYCRR 227-2.5 (c): Compliance Certification
- 41 44 6 NYCRR Subpart 231-2: Compliance Certification
- 42 45 6 NYCRR Subpart 231-2: Compliance Certification
- 43 46 6 NYCRR Subpart 231-2: Compliance Certification
- 43 47 6 NYCRR Subpart 231-2: Compliance Certification
- 44 48 40CFR 52.21, Subpart A: Compliance Certification
- 45 49 40CFR 52.21, Subpart A: Compliance Certification
- 45 50 40CFR 52.21, Subpart A: Compliance Certification
- 46 51 40CFR 52.21, Subpart A: Compliance Certification
- 47 52 40CFR 52.21, Subpart A: Compliance Certification
- 48 53 40CFR 52.21, Subpart A: Compliance Certification
- 48 54 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A

EU=F-00003,Proc=W02

- 49 55 40CFR 60.116b(b), NSPS Subpart Kb: Compliance Certification

EU=F-00003,Proc=W03

- 49 56 6 NYCRR Subpart 201-6: Compliance Certification
- 50 *57 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=F-00005

- 51 58 6 NYCRR 227-2.5 (c): Compliance Certification

EU=F-00005,Proc=B04,ES=F0050

- 52 59 6 NYCRR 227-2.4 (b) (1): Compliance Certification

EU=F-00005,Proc=B06,ES=F0050

- 53 60 6 NYCRR 227-2.4 (b) (1): Compliance Certification

EU=F-00006

- 54 *61 6 NYCRR Subpart 201-7: Capping Monitoring Condition

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 57 62 ECL 19-0301: Contaminant List
- 57 63 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 58 64 6 NYCRR 201-6.5 (a): CLCPA Applicability
- 59 65 6 NYCRR 211.1: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (a) (9)

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

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

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

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

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

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

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

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

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

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

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

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 12/03/2020 and 12/02/2025**

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Condition 2: Fees
Effective between the dates of 12/03/2020 and 12/02/2025

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 12/03/2020 and 12/02/2025

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 12/03/2020 and 12/02/2025

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

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,

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

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

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

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

specified in any special permit terms or conditions;
and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC
21 South Putt Corners Road
New Paltz, NY 12561-1696

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

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 12/03/2020 and 12/02/2025

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 12/03/2020 and 12/02/2025

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Applicable Federal Requirement: 6 NYCRR 215.2**Item 9.1:**

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

Item 9.2

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

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

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

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

Condition 10: Recycling and Salvage
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 12.1:

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 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 13.1:

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Condition 14: Requirement to Provide Information
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 14.1:

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 15: Right to Inspect
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 15.1:

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 16: Off Permit Changes
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 16.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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 17: Required Emissions Tests
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 17.1:

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 18: Accidental release provisions.
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40 CFR Part 68

Item 18.1:

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

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

Risk Management Plan Reporting Center

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 19: Recycling and Emissions Reduction
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 19.1:

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 20: Emission Unit Definition
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 20.1:

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

Emission Unit: F-00001

Emission Unit Description:

Boiler No. 4 firing natural gas or No. 2 fuel oil.

Building(s): 132
132A

Item 20.2:

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

Emission Unit: F-00002

Emission Unit Description:

Co-Generation facility consisting of two turbines each with a boiler (boiler No. 1 and No. 2). During periods of start-up, the turbine(s) exhaust through a bypass stack until the unit reaches 90% running speed (boiler permissive) at which time the turbine exhaust is diverted into the boiler(s) after the air purge through the boilers is completed. The water for injection turns on automatically at a pre-set T5 temperature of 1100 Deg. F. The turbine(s) are ramped up to, and then operated at the KW control set point, limited by the T5 maximum setting of 1275 Deg. F. T5 is the turbine third stage inlet (power turbine inlet) temperature. During shut-down, the boiler steam load is shed by gradually reducing and then shutting off fuel to the duct burners (if in use) and then diverting turbine exhaust through the bypass stack. Upon

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

activating a normal stop, the turbine fuel flow is gradually reduced as the unit ramps down from full power to zero power output. The water for injection turns off automatically when the pre-set T5 temperature of 1050 Deg. F. is reached. The fuel flow to the turbine continues throughout the cool-down period and then shuts off, shutting down the turbine. In the event of Turbine failure, the boilers can be fired independently to maintain a steam supply to the facility. This fresh air firing of the boilers would be a non-routine event reserved for emergencies.

Building(s): 133C

Item 20.3:

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

Emission Unit: F-00003

Emission Unit Description:

This unit includes equipment associated with the site infrastructure including the wastewater treatment plant, fuel storage and emergency generators.

Building(s): 132A
141COMPLEX
B190 GEN**Item 20.4:**

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

Emission Unit: F-00004

Emission Unit Description:

Boiler No. 5 firing natural gas or No. 2 fuel oil.

Building(s): 132A

Item 20.5:

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

Emission Unit: F-00005

Emission Unit Description:

Boiler No. 3 firing natural gas or No. 2 fuel oil.

Building(s): 132B

Item 20.6:

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

Emission Unit: F-00006

Emission Unit Description:

Standby Emergency Generator to provide power for critical site equipment. Rated for 1250 kW.

Building(s): 132B
B180

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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 12/03/2020 and 12/02/2025

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:

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 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (2)

Item 26.1:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Emission Unit: F-00001

Emission Unit: F-00004

Emission Unit: F-00005

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition applies to Boilers No. 3, No. 4 and No. 5 (EUs F-00005, F-00001, and F-00004). The facility is required to conduct proper maintenance procedures and practices as described in Section 2.4 of the 2020 NOx RACT plan. Annual reporting is required to verify compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 27: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (2)

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-00004

Emission Point: 23155

Process: B05

Emission Source: F0005

Regulated Contaminant(s):

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to boiler No. 5 firing natural gas.

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

This emission source is limited to 0.20 pounds NOx per million BTU, as established in the 2020 NOx RACT plan as approved. The facility shall conduct performance testing upon request by the Department to confirm compliance with the established limit.

Upper Permit Limit: 0.20 pounds per million Btus
 Reference Test Method: Method 7, 7E, or 19
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 28: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (2)

Item 28.1:

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

Emission Unit: F-00004	Emission Point: 23155
Process: B03	Emission Source: F0005

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:
 This condition applies to boiler No. 5 firing fuel oil.

This emission source is limited to 0.30 pounds NOx per million BTU, as established in the 2020 NOx RACT plan as approved. The facility shall conduct performance testing upon request by the Department to confirm compliance with the established limit.

Upper Permit Limit: 0.30 pounds per million Btus
 Reference Test Method: Method 7, 7E, or 19
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (2)

Item 29.1:

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

Emission Unit: F-00001	Emission Point: 13256
Process: B01	Emission Source: F0010

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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to boiler No. 4 firing natural gas.

This emission source is limited to 0.23 pounds NOx per million BTU, as established in the 2020 NOx RACT plan as approved. The facility shall conduct performance testing upon request by the Department to confirm compliance with the established limit.

Upper Permit Limit: 0.23 pounds per million Btus

Reference Test Method: Method 7, 7E, or 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 30: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (2)

Item 30.1:

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

Emission Unit: F-00001	Emission Point: 13256
Process: B02	Emission Source: F0010

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Monitoring Description:

This condition applies to boiler No. 4 firing fuel oil.

This emission source is limited to 0.26 pounds NOx per million BTU, as established in the 2020 NOx RACT plan as approved. The facility shall conduct performance testing within 180 days of the permit issuance in order to confirm compliance with the established limit. Within 60 days of conducting the performance test, the facility shall submit a protocol for Department review. Within 60 days of completing the test, the facility shall submit a report documenting the results of the performance test.

Upper Permit Limit: 0.26 pounds per million Btus

Reference Test Method: Method 7, 7E, or 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 31: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR 227-2.4 (e) (2)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-00002
Process: C01

Emission Point: 00101

Emission Unit: F-00002
Process: C01

Emission Point: 00102

Emission Unit: F-00002
Process: C02

Emission Point: 00101

Emission Unit: F-00002
Process: C02

Emission Point: 00102

Regulated Contaminant(s):

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies to Turbine No.1 and No.2 and Boiler No.1 and No.2 (EU F0002) firing natural gas and is

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

based on the evaluation and approval of the 2020 NOx RACT plan submitted in accordance with 227-2.4(e)(3). NOx emissions shall be limited to 42 ppm (by volume, dry, corrected to 15% O2) and 56 lbs/hr per stack. Continuous Monitoring System shall be operated and data used to document compliance. These limits apply during normal operation. Semi-Annual reporting is required to verify compliance.

Manufacturer Name/Model Number: CEM
 Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O2)
 Reference Test Method: EPA Approved
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR 227-2.4 (e) (2)

Item 32.1:

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

Emission Unit: F-00002 Process: C03	Emission Point: 00101
Emission Unit: F-00002 Process: C03	Emission Point: 00102
Emission Unit: F-00002 Process: C04	Emission Point: 00101
Emission Unit: F-00002 Process: C04	Emission Point: 00102
Regulated Contaminant(s): CAS No: 0NY210-00-0 OXIDES OF NITROGEN	

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies to Turbine No.1 and No.2 and Boiler No.1 and No.2 (EU F0002) firing fuel oil and is based on the evaluation and approval of the 2020 NOx RACT

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

plan submitted in accordance with 227-2.4(e)(3). NOx emissions shall be limited to 65 ppm (by volume, dry, corrected to 15% O₂) and 56 lbs/hr per stack. Continuous Monitoring System shall be operated and data used to document compliance. These limits apply during normal operation. Semi-Annual reporting is required to verify compliance.

Manufacturer Name/Model Number: CEM

Upper Permit Limit: 65 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 33: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR 227-2.5 (c)

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-00004

Regulated Contaminant(s):

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

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This condition applies to Boiler No. 5 (EU F0004) and is based on the evaluation and approval of the 2020 NOx RACT plan submitted in accordance with 227-2. NOx emissions are limited to an annual cumulative total of 52.2 tpy rolled monthly. Emission calculations shall be based on the most recent performance test results obtained from the NOx RACT compliance demonstration.

$$[(A * 0.20 \text{ lb} / 1000 \text{ scf}) + (B * 0.041 \text{ lb} / \text{gal})] / (2000 \text{ lb/ton}) < 52.2 \text{ tpy NOx}$$

A = Natural gas usage (scf)

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

B = Fuel oil usage (gal)

Until more recent testing is performed, the NOx RACT emission factors of 0.20 lb NOx/mmBtu (0.20 lb NOx/1000 scf) and 0.30 lb NOx/mmBtu (0.041 lb NOx/gal fuel oil), will be used to demonstrate compliance. Annual fuel reports required.

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 52.2 tons per year
 Monitoring Frequency: MONTHLY
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR 227-2.5 (c)

Item 34.1:

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

Emission Unit: F-00001	Emission Point: 13256
Process: B01	Emission Source: F0010

Emission Unit: F-00001	Emission Point: 13256
Process: B02	Emission Source: F0010

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

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This condition applies to Boiler No. 4 (EU F0001) and is based on the evaluation and approval of the NOx RACT plan submitted in accordance with 227-2. NOx emissions are limited to an annual cumulative total of 33.1 tpy rolled monthly. Emission calculations shall be based on the most recent performance test results obtained from the NOx RACT compliance demonstration.

$$[(A * 0.23 \text{ lb} / 1000 \text{ scf}) + (B * 0.036 \text{ lb} / \text{gal})] / (2000 \text{ lb/ton}) < 33.1 \text{ tpy NOx}$$

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

A = Natural gas usage (scf)

B = Fuel oil usage (gal)

Until more recent testing is performed, the NO_x RACT emission factors of 0.23 lb NO_x/mmBtu (0.23 lb NO_x/1000 scf) and 0.26 lb NO_x/mmBtu (0.036 lb NO_x/gal fuel oil), will be used to demonstrate compliance. Annual fuel reports required.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 33.1 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 35: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 35.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: F-00002

Emission Point: 00101

Emission Unit: F-00002

Emission Point: 00102

Regulated Contaminant(s):

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall continue to maintain, operate, and quality-assure a continuous emission monitoring system (CEMS) consisting of NO_x and O₂ or CO₂ monitors. The CEMS shall be installed, certified, maintained and operated in accordance with the applicable Part GG and 40 CFR Part 60 Appendices B and F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Condition 36: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's diesel fired emergency generators are subject to the applicable sections of 40 CFR 60 Subpart IIII. Any questions concerning compliance and/or enforcement of this regulation should be referred to the USEPA.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 63, Subpart JJJJJ

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition applies to Boilers No.3, No.4 and No.5 (EUs F-00005, F-00001, and F-00004). The facility shall comply with all applicable sections under Subpart JJJJJ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 38: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Item 38.1:

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

Emission Unit: F-00003

Emission Unit: F-00006

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition applies to all emergency generators. The facility is subject to Subpart ZZZZ as an area source of HAP emissions. The facility shall comply with all applicable sections under Subpart ZZZZ and refer questions concerning compliance and/or enforcement of the regulation to the USEPA.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 39: Emission Point Definition By Emission Unit
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 39.1:

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

Emission Unit: F-00001

Emission Point: 13256
Height (ft.): 100 Diameter (in.): 42
NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 132

Item 39.2:

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

Emission Unit: F-00002

Emission Point: 00101
Height (ft.): 127 Diameter (in.): 60
NYTMN (km.): 4547.2 NYTME (km.): 582.5

Emission Point: 00102

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Height (ft.): 127	Diameter (in.): 60
NYTMN (km.): 4547.2	NYTME (km.): 582.5
Emission Point: 00106	
Height (ft.): 55	Diameter (in.): 54
NYTMN (km.): 4547.62	NYTME (km.): 582.315
Emission Point: 00107	
Height (ft.): 55	Diameter (in.): 54
NYTMN (km.): 4547.62	NYTME (km.): 582.315

Item 39.3:

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

Emission Unit: F-00003		
Emission Point: 09714		
Height (ft.): 16	Length (in.): 150	Width (in.): 80
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: B190 GEN
Emission Point: 09715		
Height (ft.): 16	Length (in.): 150	Width (in.): 80
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: B190 GEN
Emission Point: 14109		
Height (ft.): 40	Diameter (in.): 10	
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX
Emission Point: 14114		
Height (ft.): 42	Length (in.): 48	Width (in.): 72
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX
Emission Point: 14116		
Height (ft.): 42	Diameter (in.): 8	
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX
Emission Point: 54118		
Height (ft.): 40	Diameter (in.): 20	
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX
Emission Point: FO111		
Height (ft.): 12	Diameter (in.): 2	
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX
Emission Point: FO112		
Height (ft.): 12	Diameter (in.): 2	
NYTMN (km.): 4547.2	NYTME (km.): 582.5	Building: 141COMPLEX

Item 39.4:

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

Emission Unit: F-00004

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Emission Point: 23155
 Height (ft.): 100 Diameter (in.): 42
 NYTMN (km.): 4547.323 NYTME (km.): 581.833 Building: 132A

Item 39.5:

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

Emission Unit: F-00005

Emission Point: 02359
 Height (ft.): 94 Diameter (in.): 42
 NYTMN (km.): 4547.2 NYTME (km.): 582.5 Building: 132B

Item 39.6:

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

Emission Unit: F-00006

Emission Point: 09716
 Height (ft.): 18 Diameter (in.): 16
 NYTMN (km.): 4547.62 NYTME (km.): 582.315 Building: B180

**Condition 40: Process Definition By Emission Unit
 Effective between the dates of 12/03/2020 and 12/02/2025**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 40.1:

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

Emission Unit: F-00001
 Process: B01 Source Classification Code: 1-02-006-01
 Process Description: Boiler No. 4 firing natural gas.

Emission Source/Control: F0010 - Combustion
 Design Capacity: 130 million Btu per hour

Item 40.2:

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

Emission Unit: F-00001
 Process: B02 Source Classification Code: 1-02-005-01
 Process Description: Boiler No. 4 firing No. 2 fuel oil.

Emission Source/Control: F0010 - Combustion
 Design Capacity: 130 million Btu per hour

Item 40.3:

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

Emission Unit: F-00002

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Process: C01 Source Classification Code: 1-02-006-04

Process Description:

Operation of Turbines on natural gas, and waste heat boilers with duct burners off, as described in the unit description.

Emission Source/Control: F0001 - Combustion
Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion
Design Capacity: 99 million Btu per hour

Emission Source/Control: F0090 - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: F0098 - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: FWIS1 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control
Control Type: STEAM OR WATER INJECTION

Item 40.4:

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

Emission Unit: F-00002

Process: C02 Source Classification Code: 1-02-006-04

Process Description:

Operation of Turbines and waste heat boiler(s) on natural gas, as described in the unit description. During testing for fuel change-over periods, when the unit is changing from burning natural gas to fuel oil, the turbine and duct burners may be operated on different fuels.

Emission Source/Control: F0001 - Combustion
Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion
Design Capacity: 99 million Btu per hour

Emission Source/Control: F0090 - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: F0098 - Combustion
Design Capacity: 110 million Btu per hour

Emission Source/Control: FWIS1 - Control
Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Control Type: STEAM OR WATER INJECTION

Item 40.5:

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

Emission Unit: F-00002

Process: C03

Source Classification Code: 1-02-005-05

Process Description:

Operation of turbine(s) on No. 2 fuel oil, and waste heat boilers with duct burners off, as described in the unit description.

Emission Source/Control: F0001 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0090 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: F0098 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: FWIS1 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Control Type: STEAM OR WATER INJECTION

Item 40.6:

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

Emission Unit: F-00002

Process: C04

Source Classification Code: 1-02-005-05

Process Description:

Operation of turbine(s) and waste heat boiler(s) on No. 2 fuel oil, as described in the unit description.

Emission Source/Control: F0001 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0090 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: F0098 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: FWIS1 - Control

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Control Type: STEAM OR WATER INJECTION

Item 40.7:

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

Emission Unit: F-00002

Process: C05

Source Classification Code: 1-02-006-02

Process Description:

Fresh air firing using natural gas, of one or both waste heat boilers without combustion of corresponding turbine.

This non-routine operation could occur to maintain site steam load if the turbine is taken off line.

Emission Source/Control: F0001 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0090 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: F0098 - Combustion

Design Capacity: 110 million Btu per hour

Emission Source/Control: FWIS1 - Control

Control Type: STEAM OR WATER INJECTION

Emission Source/Control: FWIS2 - Control

Control Type: STEAM OR WATER INJECTION

Item 40.8:

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

Emission Unit: F-00002

Process: C06

Source Classification Code: 1-02-005-02

Process Description:

Fresh air firing using No. 2 fuel oil, of one or both waste heat boilers without combustion of corresponding turbine. This non-routine operation could occur to

maintain site steam load if the turbine is taken off line.

Emission Source/Control: F0001 - Combustion

Design Capacity: 99 million Btu per hour

Emission Source/Control: F0002 - Combustion

Design Capacity: 99 million Btu per hour

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Emission Source/Control: F0039 - Process

Emission Source/Control: F0040 - Process

Item 40.11:

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

Emission Unit: F-00003

Process: W02

Source Classification Code: 3-90-900-04

Process Description: Fuel oil tanks.

Emission Source/Control: F0035 - Process

Emission Source/Control: F0036 - Process

Item 40.12:

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

Emission Unit: F-00003

Process: W03

Source Classification Code: 2-02-001-02

Process Description:

Two B190 generators. They are emergency generators operated on diesel fuel. Fuel burned is capped so that annual NOx emissions remain below 5000 pounds per year.

Emission Source/Control: F0037 - Combustion

Emission Source/Control: F0038 - Combustion

Item 40.13:

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

Emission Unit: F-00004

Process: B03

Source Classification Code: 1-02-005-01

Process Description: Boiler No. 5 firing No. 2 fuel oil.

Emission Source/Control: F0005 - Combustion

Design Capacity: 150 million Btu per hour

Item 40.14:

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

Emission Unit: F-00004

Process: B05

Source Classification Code: 1-02-006-01

Process Description: Boiler No. 5 firing natural gas.

Emission Source/Control: F0005 - Combustion

Design Capacity: 150 million Btu per hour

Item 40.15:

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Emission Unit: F-00005
Process: B04 Source Classification Code: 1-02-006-02
Process Description:
Boiler No. 3 firing natural gas. Maximum design heat input less than or equal to 100 million BTU/hr.

Emission Source/Control: F0050 - Combustion
Design Capacity: 98.7 million Btu per hour

Emission Source/Control: F5001 - Control
Control Type: LOW NOx BURNER

Item 40.16:

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

Emission Unit: F-00005
Process: B06 Source Classification Code: 1-02-005-02
Process Description: Boiler No. 3 firing No. 2 fuel oil.

Emission Source/Control: F0050 - Combustion
Design Capacity: 98.7 million Btu per hour

Emission Source/Control: F5001 - Control
Control Type: LOW NOx BURNER

Item 40.17:

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

Emission Unit: F-00006
Process: W04 Source Classification Code: 2-02-001-02
Process Description: Emergency generator operated on diesel fuel.

Emission Source/Control: F0051 - Combustion

**Condition 41: Emission Unit Permissible Emissions
Effective between the dates of 12/03/2020 and 12/02/2025**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 41.1:

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: F-00002

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 23.7 pounds per hour

684,000 pounds per year

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Condition 42: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 42.1:

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

Emission Unit: F-00001	Emission Point: 13256
Emission Unit: F-00002	Emission Point: 00101
Emission Unit: F-00002	Emission Point: 00102
Emission Unit: F-00002	Emission Point: 00106
Emission Unit: F-00002	Emission Point: 00107
Emission Unit: F-00004	Emission Point: 23155
Emission Unit: F-00005	Emission Point: 02359
Emission Unit: F-00006	Emission Point: 09716

Item 42.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The applicant will conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee will be maintained at the facility for a minimum of five years.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Applicable Federal Requirement:6 NYCRR 227-2.5 (c)

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx Emissions are limited to a combined 209 tons per year during any twelve consecutive month period. NOx emissions shall be obtained utilizing the existing continuous monitoring system. Annual reporting required.

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 209 tons per year

Reference Test Method: EPA Approved

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 44: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 231-2

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Turbines firing No. 2 fuel oil shall be limited to a combined maximum of 2160 hours during any twelve

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

consecutive months.

This limit is based on a New Source Review Non Attainment determination previously permitted under 231-2.2(b).

Work Practice Type: HOURS PER YEAR OPERATION
 Upper Permit Limit: 2160 hours
 Reference Test Method: EPA Approved
 Monitoring Frequency: MONTHLY
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 231-2

Item 45.1:
 The Compliance Certification activity will be performed for:

Emission Unit: F-00002

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

Item 45.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
 Boilers firing No. 2 fuel oil shall be limited to a combined maximum of 1440 hours during any twelve consecutive months.

This limit is based on a New Source Review Non Attainment determination previously permitted under 231-2.2(b).

Work Practice Type: HOURS PER YEAR OPERATION
 Upper Permit Limit: 1440 hours
 Reference Test Method: EPA Approved
 Monitoring Frequency: MONTHLY
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 46: Compliance Certification

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 231-2

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No. 2 fuel oil usage in the two boilers combined shall not exceed 1,040,884 gallons during any twelve month period.

This limit is based on a New Source Review Non Attainment determination previously permitted under 231-2.2(b).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL OIL

Upper Permit Limit: 1040884 gallons per year

Reference Test Method: EPA Approved

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 47: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 231-2

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No. 2 fuel oil usage in the two turbines combined shall not exceed 1,734,306 gallons during any twelve month period.

This limit is based on a New Source Review Non Attainment determination previously permitted under 231-2.2(b).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL OIL

Upper Permit Limit: 1734306 gallons per year

Reference Test Method: EPA Approved

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 48: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide emissions are limited to 77 ppm (by volume, dry, corrected to 15% O₂) and 19 lbs/hr per stack. Performance testing to verify compliance shall be conducted as requested by the Department. The emissions concentration corresponds to the water injection rate of 0.9 lbs of water/lb of fuel.

This limit is based on a New Source Review Attainment determination.

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 49: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide emissions are limited to 48 ppm (by volume, dry, corrected to 15% O₂) and 19 lbs/hr per stack. Performance testing to verify compliance shall be conducted as requested by the Department. The emissions concentration corresponds to the water injection rate of 0.9 lbs of water/lb of fuel.

This limit is based on a New Source Review Attainment determination.

Upper Permit Limit: 48 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 50: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 52.21, Subpart A

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Carbon Monoxide emissions are limited to 48 ppm (by volume, dry, corrected to 15% O₂) and 13 lbs/hr per stack. Performance testing to verify compliance shall be conducted as requested by the Department. The emissions concentration corresponds to the water injection rate of 0.9 lbs of water/lb of fuel.

This limit is based on a New Source Review Attainment determination.

Upper Permit Limit: 48 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 51: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Carbon Monoxide emissions are limited to 77 ppm (by volume, dry, corrected to 15% O₂) and 25 lbs/hr per stack. Performance testing to verify compliance shall be conducted as requested by the Department. The emissions concentration corresponds to the water injection rate of 0.9 lbs of water/lb of fuel.

This limit is based on a New Source Review Attainment determination.

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 52: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate Emissions are limited to 4.6 lb/hr per stack. Compliance with the emission limit shall be verified by conducting performance testing if requested by the department. Compliance shall be based on the average of three one hour test runs.

This limit is based on a previous Prevention of Significant Deterioration determination.

Upper Permit Limit: 4.6 pounds per hour

Reference Test Method: 201, 201A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00002

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

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM10 Emissions are limited to 4.0 lb/hr per stack.
 Compliance with the emission limit shall be verified by
 conducting performance testing if requested by the
 department. Compliance shall be based on the average of
 three one hour test runs.

This limit is based on a previous Prevention of
 Significant Deterioration determination.

Upper Permit Limit: 4.0 pounds per hour
 Reference Test Method: Method 201, 201A
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
 DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 54: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 54.1:

This Condition applies to Emission Unit: F-00002

Item 54.2:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 55: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00003
Process: W02

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept on site for the life of the storage vessel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 56: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00003
Process: W03

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

Item 56.2:

Compliance Certification shall include the following monitoring:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

To demonstrate compliance to the 2.5 tons of NO_x per year limit for this emission unit and process fuel usage shall be recorded and kept onsite. Fuel burned will not exceed 19,900 gallons per year. Records shall be available for inspections.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL OIL

Upper Permit Limit: 19900 gallons per year

Reference Test Method: EPA Approved

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 57: Capping Monitoring Condition
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 57.1:

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 231-6

Item 57.2:

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

Item 57.3:

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 57.4:

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.

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Item 57.5:

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 57.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00003
 Process: W03

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

Item 57.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Combined NOx emissions will be less than 2.5 tons per year on an annual total rolled monthly determined by fuel use a surrogate. Records to be kept on site and made available for inspection.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.5 tons per year

Reference Test Method: EPA Approved

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 58: Compliance Certification
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement:6 NYCRR 227-2.5 (c)

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Monitoring Description:

Based on the 2020 NOx RACT analysis, NOx emissions shall not exceed 24.1 tons per year on a rolling monthly annual total calculated from fuel use.

This condition applies to Boiler No. 3 (EU F0005) and is based on the evaluation and approval of the NOx RACT plan submitted in accordance with 227-2. NOx emissions are limited to an annual cumulative total of 24.1 tpy rolled monthly. Emission calculations shall be based on the most recent performance test results obtained from the NOx RACT compliance demonstration.

$$[(A * 0.071 \text{ lb} / 1000 \text{ scf}) + (B * 0.016 \text{ lb} / \text{gal})] / (2000 \text{ lb/ton}) < 24.1 \text{ tpy NOx}$$

A = Natural gas usage (scf)

B = Fuel oil usage (gal)

Until more recent testing is performed, the NOx RACT emission factors of 0.069 lb NOx/mmBtu (0.071 lb NOx/1000 scf) and 0.12 lb NOx/mmBtu (0.016 lb NOx/gal fuel oil), will be used to demonstrate compliance. Annual fuel reports required.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.1 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 59: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Process: B04

Emission Source: F0050

Regulated Contaminant(s):

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil firing large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 90 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: 0.15 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 60: Compliance Certification

Effective between the dates of 12/03/2020 and 12/02/2025

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

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: F-00005

Process: B06

Emission Source: F0050

Regulated Contaminant(s):

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil firing large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 90 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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Upper Permit Limit: 0.15 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
Monitoring Frequency: Once every five years
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Capping Monitoring Condition
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 61.1:

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

6 NYCRR Subpart 231-6

Item 61.2:

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

Item 61.3:

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

Item 61.4:

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

Item 61.5:

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

Item 61.6:

The Compliance Certification activity will be performed for:

Emission Unit: F-00006

Regulated Contaminant(s):

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Item 61.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Combined NOx emissions are limited to 4000 pounds per year and surrogate fuel burned will be used to compute emissions. Records to be maintained on site.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL OIL

Upper Permit Limit: 4000 pounds per year

Reference Test Method: EPA Approved

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

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

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 62: Contaminant List

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable State Requirement: ECL 19-0301

Item 62.1:

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

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

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

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

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

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

Condition 63: Malfunctions and start-up/shutdown activities

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable State Requirement: 6 NYCRR 201-1.4

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Item 63.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

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

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

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

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

Condition 64: CLCPA Applicability
Effective between the dates of 12/03/2020 and 12/02/2025

Applicable State Requirement: 6 NYCRR 201-6.5 (a)

Item 64.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 65: Air pollution prohibited

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025

Effective between the dates of 12/03/2020 and 12/02/2025

Applicable State Requirement:6 NYCRR 211.1

Item 65.1:

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.

Permit ID: 3-3924-00025/00821

Facility DEC ID: 3392400025