

Facility DEC ID: 5094200106

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-0942-00106/00018
Effective Date: 08/12/2021 Expiration Date: 08/11/2026

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 5-0942-00106/00023
Effective Date: 08/12/2021 Expiration Date: 08/11/2026

Permit Issued To: SARANAC POWER PARTNERS LP
1111 S 103RD ST
OMAHA, NE 68124-1000

Contact: John Gokey
99 Weed St
Plattsburgh, NY 12901
(518) 563-1072

Facility: SARANAC POWER PARTNERS COGENERATION FAC
99 WEED ST
PLATTSBURGH, NY 12901

Description:

The Saranac Power Partners, L.P. facility consists of two General Electric Frame 7EA combustion gas turbines with a nominal electrical output of 80 MWe, each. Each turbine is equipped with a heat recovery steam generator (HRSG) with supplemental firing provided by duct burners. Steam generated by the HRSGs is passed through a single steam turbine (80 MWe, nominal). Electricity generated by the facility is sold to the grid. Low pressure steam exiting the steam turbine is passed through an air cooled condenser or, alternatively, is delivered to a neighboring industrial facility (Georgia-Pacific) for process and/or heating use. The turbines and duct burners are fired exclusively on natural gas. Emissions controls include the use of dry low NO_x burners in the gas turbines, and selective catalytic reduction (SCR) and a CO catalyst in the heat recovery steam generators (HRSGs).

Also at the facility is an auxiliary boiler which is used to provide steam to Georgia-Pacific. The auxiliary boiler fires natural gas and utilizes low NO_x burners for emissions control.

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

Permit Administrator: ERIN L BURNS
NYSDEC - REGION 5
PO BOX 296
RAY BROOK, NY 12977-0296

Authorized Signature: _____ Date: ___ / ___ / ___

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Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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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

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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 5
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 5 Headquarters
Division of Environmental Permits
Route 86, PO Box 296
Ray Brook, NY 12977-0296
(518) 897-1234

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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1111 S 103RD ST
OMAHA, NE 68124-1000

Facility: SARANAC POWER PARTNERS COGENERATION FAC
99 WEED ST
PLATTSBURGH, NY 12901

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

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- 43 48 40CFR 52.21(j), Subpart A: Compliance Certification
- 44 49 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 44 50 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 45 51 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 45 52 40CFR 60.11(d), NSPS Subpart A: Compliance with
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- 45 53 40CFR 60.12, NSPS Subpart A: Circumvention.
- 46 54 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 46 55 40CFR 60.43a(b)(2), NSPS Subpart Da: Compliance Certification
- 46 56 40CFR 60.48a, NSPS Subpart Da: Compliance Certification
- 48 57 40CFR 60.51a(b), NSPS Subpart Da: Compliance Certification
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- 52 61 40CFR 63.6605(b), Subpart ZZZZ: Compliance Certification
- 53 62 40CFR 72.6(a)(3)(vi), Subpart A: Compliance Certification
- 54 63 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 55 64 40CFR 97.606, Subpart CCCCC: Compliance Certification
- 56 65 40 CFR Part 98: Mandatory greenhouse gas reporting
- Emission Unit Level**
- 57 66 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 57 67 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

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- 60 68 40CFR 60.48b(b), NSPS Subpart Db: Oxides of nitrogen
monitoring requirements.
- 60 69 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative
methods for measuring NOx during CEMS downtime
- 61 70 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification
- 61 71 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 62 72 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification

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- 63 73 40CFR 52.21(j)(2), Subpart A: Compliance Certification
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- 72 83 ECL 19-0301: Contaminant List

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- 73 85 6 NYCRR 201-6.5 (a): CLCPA Applicability
- 74 86 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess
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- 74 87 6 NYCRR 242-1.5: Compliance Demonstration
- 75 88 6 NYCRR 242-1.5: Compliance Demonstration
- 77 89 6 NYCRR 251.3 (b): Compliance Demonstration

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 4/FINAL

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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

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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

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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

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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 08/12/2021 and 08/11/2026**

Applicable Federal Requirement: 6 NYCRR 200.6**Item 1.1:**

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

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

Condition 2: Fees
Effective between the dates of 08/12/2021 and 08/11/2026

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 08/12/2021 and 08/11/2026

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 08/12/2021 and 08/11/2026

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

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reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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,

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

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

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

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as

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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
Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

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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 1/30/2022.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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 submitted electronically or 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 08/12/2021 and 08/11/2026

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 08/12/2021 and 08/11/2026

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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

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SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary

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for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 14.1:

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

Condition 15: Requirement to Provide Information

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 15.1:

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

Condition 16: Right to Inspect

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 16.1:

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

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

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

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

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring

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compliance with the permit or applicable requirements.

Condition 17: Required Emissions Tests
Effective between the dates of 08/12/2021 and 08/11/2026

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 08/12/2021 and 08/11/2026

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

Condition 19: Recycling and Emissions Reduction
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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

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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 08/12/2021 and 08/11/2026

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: U-00001

Emission Unit Description:

This emission unit consists of one emission point (EP #00001). Gas turbine #1 (ES 00GT1), duct burner #1 (ES 00DB1), standby generator (ES G102), emergency generator (G103) and maintenance generator (G104) all exhaust out of building B1's west stack (EP #00001). A selective catalytic reduction unit (ES 0SCR1) and a catalytic oxidation device (ES 0COC1) control emissions of NO_x, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only. The standby generator fires natural gas. The emergency and maintenance generators fire diesel fuel only.

Building(s): B1

Item 20.2:

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit consists of one emission point (EP #00002). Gas turbine #2 (ES 00GT2) and duct burner #2 (ES 00DB2) exhaust out of building B1's east stack (EP #00002). A selective catalytic reduction unit (ES 0SCR2) and a catalytic oxidation device (ES 0COC2) control emissions of NO_x, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only.

Building(s): B1

Item 20.3:

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit is a D-tube boiler. The boiler burns natural gas. Steam from the boiler is sent to

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Georgia-Pacific.

Building(s): B2

Item 20.4:

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit is a 1500 kw standby generator that burn natural gas. This generator generates electricity for use in building B2 when the usual source of power is unavailable.

Building(s): B2

Condition 21: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

The Compliance Certification activity will be performed for the Facility.

Item 21.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with 40 CFR 52.21(r)(1) requires:

A) The emergency stand-by generator (ES0G102), emergency generator (ES0G103), and emergency maintenance generator (ES0G104) may not be operated when either one or both gas turbines are operating, except during periods of normal start-up or shut down (not to exceed more than six hours per occurrence) and except during periods of normal testing and maintenance operation (not to exceed more than one hour per week). The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

B) The two turbines (ES Nos. 00GT1 and 00GT2) may operate at base load with their duct burners (ES Nos. 00DB1 and 00DB2). When only one duct burner is running, the maximum firing limit shall be 553 mmBtu/hr. When both duct burners are running, their individual firing limits shall be 221 mmBtu/hr. The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation

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and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

C) The Duct Burners shall not be operated unless the corresponding Gas Turbine is being operated. Then, compliance with the combined Gas Turbine/duct burner NOx limit of 9ppm (by volume, dry, corrected to 15% oxygen) will assure compliance with the 40 CFR 60 Subpart Da limit of 0.2 pounds per million Btu for the Duct Burner. A record shall be maintained to document the dates and times of operation for both the Duct Burner and corresponding Gas Turbine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 22: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the last 3 hrs of a 6 hr SU period.

Manufacturer Name/Model Number: TAPI T200M

Parameter Monitored: OXIDES OF NITROGEN

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

Reference Test Method: 40 CFR 75

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Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-hour average
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 23: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

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

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a
 SU/SD period.

Manufacturer Name/Model Number: TAPI T200M
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 60 parts per million by volume (dry,
 corrected to 15% O2)
 Reference Test Method: 40 CFR 75
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-hour average
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 24: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 24.1:

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

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Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a
SU period. This should be interpreted as a maximum of 153
lb CO(total) for the first 3hr of a SU.

Manufacturer Name/Model Number: Siemens Ultramat 6E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 51 pounds per hour

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-hour average

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 25: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 25.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a
SD period.

Manufacturer Name/Model Number: Siemens Ultramat 6E

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Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 29.4 pounds per hour
 Reference Test Method: 40 CFR 60, App B & F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-hour average
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 26: Progress Reports Due Semiannually
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 26.1:

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

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

Condition 27: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Protocol

I. Protocol Objective

The objective of this condition is to enable operational flexibility at the facility by building the capability to make certain changes pursuant to this protocol into the Title V permit. As provided under 6 NYCRR Part 201-6.4(f), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.6 unless required by the Department pursuant to 201-6.4(f)(4).

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II. Protocol

A. Criteria

1. Changes reviewed under this protocol shall be evaluated in accordance with the following criteria:

a. All underlying federal and state requirements with which the new or changed operation or emission source must comply must exist in the Title V permit. Existing permit conditions may be amended to reference or include the new or changed operation or emission source and any related information, and/or subject to the Department's approval, new conditions proposed, to provide the appropriate monitoring parameters.

b. Any new or changed emission source shall not be part of a source project that results in a significant net emission increase that exceeds the New Source Review (NSR) thresholds identified in 6 NYCRR Part 231.

c. The facility shall not use the protocol to make physical changes or changes in the method of operation of existing emissions sources that would require a new or modified federally enforceable emissions cap. Such changes must be addressed via the significant permit modification provisions.

B. Notification Requirements for Changes Reviewed under the Protocol

1. The facility shall notify the Department in writing of the proposed change at least 15 days in advance of making the proposed change.

2. Notifications made in accordance with this protocol must include the following information:

a. Identification of the Title V permit emission unit, process(es), emission source(s) and emission point(s) affected by the proposed change with applicable revisions to the Emission Unit structure;

b. Description of the proposed change, including operating parameters affected;

c. Identification and description of emissions control device or technology that will be used; and

d. Documentation of the project's, or emission source's,

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compliance with respect to all state and/or federally applicable requirements, including the following:

- i. Calculations demonstrating the emission rate potential and maximum projected annual actual emission rates for all contaminants affected by the change;
 - ii. Documentation demonstrating that the change is not subject to the New Source Review requirements described in 6 NYCRR Part 231;
 - iii. Identification and evaluation of all state and federal regulations applicable to the proposed change;
 - iv. A description of any additional operating and record keeping procedures necessary to ensure compliance with all applicable requirements; and
 - v. Any other relevant information used for the evaluation of the proposed change under this protocol.
- e. Any other relevant information used for the evaluation of the proposed project or emission source under the Protocol.

C. Review and Approval of Changes

- 1. The Department shall respond to the permittee in writing with a determination within 15 days of receipt of the notification required by Section II.B of this protocol.
- 2. The Department may require a permit modification in order to impose new applicable requirements or additional permit conditions if it determines that changes proposed pursuant to the notification do not meet the criteria under Section II. A above or that the changes may have a significant air quality impact or be otherwise potentially significant under SEQRA (6 NYCRR Part 617).
- 3. The Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the proposed change, which may include potential air quality impacts and/or applicable requirements. The Department's determination shall include a listing of information required for further review, if necessary.

D. Additional Compliance Obligations for Changes Made

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Under this Protocol

1. Upon commencement of the change, the facility shall comply with all applicable requirements and permit conditions, including any amended or proposed in accordance with II.A.1.a above.
2. The facility shall provide with the semiannual monitoring report, a summary of the changes made in accordance with this protocol and a statement of the compliance status of each. Changes reported should include all those made during the corresponding period and any earlier changes that have not yet been incorporated into the permit.
3. The facility shall include each change made pursuant to this protocol in the next application for permit modification or renewal, whichever is first. Changes made pursuant to this protocol are not subject to the permit shield provisions described in 6 NYCRR 201-6.4(g) until they are incorporated into the Title V permit.
4. The facility shall maintain a record of each change made pursuant to this protocol at the facility and shall make such records available to the Department upon request.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Non Applicable requirements
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 28.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 227-2.4 (f)

Reason: The generators at Saranac Power are used only for emergency power and are limited to less than 500 hours of operation per year. In accordance with 227-2.4(f)(6), this makes them exempt from the control requirements of 227-2.4(f).

Condition 29: Visible Emissions Limited

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR 211.2

Item 29.1:

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 30: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

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: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 32: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR 227-2.6 (b)

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility is subject to the applicable requirements of this subdivision:, specifically paragraphs 227-2.6(b)3 and 227-2.6(b)4. The firm shall submit a quarterly written CEMS report for every calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter. These quarterly audit reports shall follow the guidance provided by the Department (draft Air Guide 34)

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

and 40 CFR Appendix F.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 33: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner shall maintain a file of all measurements, including CEM system performance evaluations; all CEM systems or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required under 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 34: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NOx or CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.
4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 35: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The combustion turbines may not operate out of Pre-Mix Mode except during periods of malfunction or startup and shutdown (not to exceed 6 hours per occurrence). Variances from this requirement shall be kept on-site for a period of at least five years.

In the Pre-Mix Mode, fuel is flowing to both the primary and secondary nozzles while the flame is in the secondary

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Parameter Monitored: VOC
 Upper Permit Limit: 0.0045 pounds per million Btus
 Reference Test Method: EPA Method 25A
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 37: Compliance Certification
 Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 37.1:

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

Emission Unit: U-00001
 Process: GD1 Emission Source: 00GT1

Emission Unit: U-00002
 Process: GD2 Emission Source: 00GT2

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 7.54 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time. Testing will be required at the discretion of the permitting authority and will be performed with the duct burner in operation.

Parameter Monitored: VOC
 Upper Permit Limit: 7.54 pounds per hour
 Reference Test Method: EPA Method 25A
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 38: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 38.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Regulated Contaminant(s):

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from these sources are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0135 pounds per million Btus

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 39: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 39.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Emission Unit: U-00001
 Process: GD1 Emission Source: 00GT1

Emission Unit: U-00002
 Process: GD2 Emission Source: 00GT2

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from these sources are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 22.6 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 22.6 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
 Process: GD1 Emission Source: 00GT1

Emission Unit: U-00002
 Process: GD2 Emission Source: 00GT2

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

Item 40.2:

Compliance Certification shall include the following monitoring:

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 10.39 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 10.39 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2NG

Emission Source: 0G102

Emission Unit: U-00001

Process: 3DG

Emission Source: 0G103

Emission Unit: U-00001

Process: 4DG

Emission Source: 0G104

Emission Unit: U-00004

Process: 1NG

Emission Source: 0G101

Regulated Contaminant(s):

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

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of nitrogen oxides are limited to 0.359 pounds per mmBtu and 7 pounds per hour for generators 0G101 and 0G102; 2.64 pounds per mmBtu and 44.05 pounds per hour for generator 0G103; and 2.91 pounds per mmBtu and 14.3

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of Oxides of Nitrogen (NO_x) from this source are limited to no more than 0.033 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 55.3 pounds per hour. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control NO_x emissions from this source.

Manufacturer Name/Model Number: TAPI T200M

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 55.3 pounds per hour

Reference Test Method: PS 2

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 43: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 43.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 43.2:

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time. Testing will be performed with the duct burner operating unless changed by the permitting authority.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0062 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 44: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 44.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

heat input (based upon the higher heating value of the fuel burned). An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source.

Manufacturer Name/Model Number: Siemens Ultramat 6E
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 0.0060 pounds per million Btus
 Reference Test Method: 40 CFR 60 App B & F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 45.1:

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

Emission Unit: U-00001	
Process: GD1	Emission Source: 00GT1
Emission Unit: U-00001	
Process: GT1	Emission Source: 00GT1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00GT2
Emission Unit: U-00002	
Process: GT2	Emission Source: 00GT2
Regulated Contaminant(s):	
CAS No: 000630-08-0	CARBON MONOXIDE

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 10.2 pounds per hour. An oxidation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source.

Manufacturer Name/Model Number: Siemens ultramat 6E
 Parameter Monitored: CARBON MONOXIDE
 Upper Permit Limit: 10.2 pounds per hour
 Reference Test Method: EPA Method 10
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 46.1:

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

Emission Unit: U-00001 Emission Point: 00001

Emission Unit: U-00002 Emission Point: 00002

Regulated Contaminant(s):
 CAS No: 007664-41-7 AMMONIA

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of Ammonia from these sources are limited to no more than 10 ppm (by volume, dry, corrected to 15% oxygen).

Manufacturer Name/Model Number: TAPI T200M
 Parameter Monitored: AMMONIA
 Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O2)
 Reference Test Method: Draft EPA Method 206
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

This condition does not apply during periods of SU (not to exceed 6 hrs) and SD (not to exceed 3 hrs) of the gas turbines, when the SU/SD limits are applicable.

Compliance with this emission limit demonstrates compliance with 6 NYCRR 227-2.4(e)(2) prior to 7/1/14 and with 227-2.4(e)(3) on and after 7/1/14.

Manufacturer Name/Model Number: TAPI T200M
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O2)
 Reference Test Method: 40 CFR 60, App B & F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 48.1:

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

Emission Unit: U-00001	
Process: GD1	Emission Source: 00GT1
Emission Unit: U-00001	
Process: GT1	Emission Source: 00GT1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00GT2
Emission Unit: U-00002	
Process: GT2	Emission Source: 00GT2
Regulated Contaminant(s):	
CAS No: 000630-08-0	CARBON MONOXIDE

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Monoxide (CO) from the gas turbine/HRSR units. CO emission rate is limited to no more than 3 parts per million by volume (dry, corrected to 15% O₂). An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operational except during periods of normal start-up or shut-down (not to exceed 3 hours per occurrence), is used to control CO emissions to the required level.

This limit does not apply during periods of SU/SD (defined as 3 hrs from initiation) of the gas turbines.

Manufacturer Name/Model Number: Siemens Ultramat 6E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 49: EPA Region 2 address.

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 49.1:

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

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

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

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

Condition 50: Recordkeeping requirements.

Effective between the dates of 08/12/2021 and 08/11/2026

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A**Item 50.1:**

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

Condition 51: Facility files for subject sources.
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A**Item 51.1:**

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

Condition 52: Compliance with Standards and Maintenance Requirements
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A**Item 52.1:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

Condition 53: Circumvention.
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A**Item 53.1:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 54: Monitoring requirements.

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

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

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of an affected duct burner may elect to determine compliance by using the continuous emission monitoring system (CEMS) specified under § 60.49Da. The sampling site shall be located at the outlet from the steam generating unit. The NO_x emission rate at the outlet from the steam generating unit shall constitute the NO_x emission rate from the duct burner. The Subpart Da NO_x emission limit of 0.2 pounds per million BTU for the duct burner is equivalent to 54 ppm_{dv} @ 15%O₂ per equation 19-1 of USEPA Method 19.

For excess emissions reporting, an hour of excess emissions shall be any unit operating hour in which the 30-day rolling average NO_x concentration exceeds 54 ppm_v (dry, corrected to 15% Oxygen). The source owner shall submit NO_x excess emission and monitoring system performance reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A and Da.

This provision in no way precludes the source owner from the requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NO_x of 9 ppm_v (dry, corrected to 15% Oxygen) during normal operations as set forth elsewhere in this permit.

Manufacturer Name/Model Number: TAPI T200M

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 54 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 cfr 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 57: Compliance Certification

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 60.51a(b), NSPS Subpart Da

Item 57.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Unit: U-00002

Process: GD2

Regulated Contaminant(s):

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following information for nitrogen oxides shall be reported to the Administrator for each 24 hour period:

1. Calendar date.
2. Average NO_x emission rate for each 30 successive boiler operating days ending with the last 30 day period in the quarter. These reports shall include reasons for non-compliance and corrective actions taken.
3. Identification of boiler operating days which pollutant or diluent data were not obtained by an approved method for at least 18 hours of operation and the justification for such action and corrective actions taken.
4. Identification of times when emissions data have been excluded from the calculation of average emission rate because of startup, shutdown, malfunctions, or any other reasons.
5. F-factor used for calculations, method of determination, and fuel type combusted.
6. Times when hourly averages have been obtained based on manual sampling methods.
7. Times when pollutant concentration exceeded full span of continuous monitoring system.
8. Description of any modifications to the continuous monitoring system which could affect the ability of the continuous monitoring system to comply with Performance Specifications 2 or 3.

Monitoring Frequency: CONTINUOUS

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Facility DEC ID: 5094200106

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 58.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of a gas turbine constructed after October 3, 1977, but before July 8 2004, and which does not use steam or water injection to control NO_x emissions, may elect to determine compliance by using the continuous emission monitoring system (CEMS) specified under 40CFR 60.334(b). As per 40CFR 60.335(b)(3), the Subpart GG limit of 75ppmv (dry, corrected to 15% Oxygen) shall be used for the turbine regardless of whether the duct burners are being fired.

For excess emissions reporting, an hour of excess emissions shall be any unit operating hour in which the 4-hour rolling average NO_x concentration exceeds 75 ppmv (dry, corrected to 15% Oxygen). The source owner shall submit NO_x excess emission and monitoring system performance reports in lieu of water-to-fuel ratio reports. The reports shall be in a summary report form, and/or excess emission reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A and GG (except information related to water-to-fuel ratio).

This provision in no way precludes the source owner from the requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NO_x of 9 ppmv (dry, corrected to 15% Oxygen) during normal operations and the additional

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start-up/shutdown limits for NOx as set forth elsewhere in this permit.

Manufacturer Name/Model Number: TAPI T200M
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 75 parts per million by volume (dry, corrected to 15% O2)
 Reference Test Method: 40 cfr 75
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 4-HOUR ROLLING AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 59.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility obtained a variance from the USEPA for the monitoring requirements specified in 40CFR60.334(h) for sulfur and nitrogen content in natural gas supplied via a pipeline and fired in the stationary gas turbines. A custom schedule was approved by the USEPA on 9/23/94 as follows:

A. Analytical methods and procedures for analyzing fuel nitrogen and sulfur content shall be chosen in accordance with 40 CFR 60.335

B. For the first six months after the receipt of this letter, fuel nitrogen and sulfur content monitoring shall be conducted bimonthly. If the fuel nitrogen and sulfur content monitoring results show little variability and

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consistent compliance with 40 CFR 60.332 and 40 CFR 60.333 respectively, then fuel nitrogen and sulfur content shall be monitored quarterly.

C. Should any fuel nitrogen or sulfur monitoring, as required by Item B indicate noncompliance with 40 CFR 60.332 or 40 CFR 60.333, the owner or operator shall notify EPA and the New York State Department of Environmental Conservation (NYSDEC) within 15 calendar days of the occurrence(s). Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period while the custom schedule is being re-examined by EPA.

D. If there is a change in fuel supply, NYSDEC and EPA will be notified and the custom schedule will be re-examined by EPA. A substantial change in fuel quality shall be considered as a change in fuel supply. Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period when the custom schedule is being re-examined.

E. Records of fuel analysis and fuel supply pertinent to this custom fuel monitoring schedule shall be retained for a period of 3 years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.

In addition to monitoring the nitrogen content of the fuel, the facility utilizes a continuous emissions monitoring system (CEMS) to monitor NO_x emissions from the gas turbine/heat recovery steam generator systems.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent by weight

Reference Test Method: See 40CFR60.335

Monitoring Frequency: QUARTERLY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 60: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 63.6600, Subpart ZZZZ

Item 60.1:

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

Emission Unit: U-00001	
Process: 2NG	Emission Source: 0G102
Emission Unit: U-00001	
Process: 3DG	Emission Source: 0G103
Emission Unit: U-00001	
Process: 4DG	Emission Source: 0G104
Emission Unit: U-00004	
Process: 1NG	Emission Source: 0G101

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As stated in 40 CFR 63.6600 and 63.6640, facility owners and operators must comply with the following emission and operating limitations for existing emergency compression ignition and spark ignition stationary RICE:

1. Test lubricating oil every 500 hours of operation or annually, whichever comes first; Replace oil and filter as appropriate.
2. Inspect air cleaner (on CI generators) and spark plugs (on SI generators) every 1,000 hours of operation or annually, whichever comes first; and
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2022.
Subsequent reports are due every 12 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 63.6605(b), Subpart ZZZZ

Item 61.1:

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

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Emission Unit: U-00001
Process: 2NG

Emission Source: 0G102

Emission Unit: U-00001
Process: 3DG

Emission Source: 0G103

Emission Unit: U-00001
Process: 4DG

Emission Source: 0G104

Emission Unit: U-00004
Process: 1NG

Emission Source: 0G101

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6605 What are the general requirements for complying with this subpart?

(b) At all times the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require making any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 62: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 72.6(a)(3)(vi), Subpart A

Item 62.1:

The Compliance Certification activity will be performed for the Facility.

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Monitoring Description:

This emission source is subject to the title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77, and 78.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 63: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 97.406, Subpart AAAAA**Item 63.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.
- (2) The facility, and the designated representative, of each TR NOX Annual source (facility) and each TR NOX Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each

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year.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 64.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

(2) The facility, and the designated representative, of each TR SO2 Group 1 source (facility) and each TR SO2 Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of

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part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR SO₂ Group 1 allowances and to determine compliance with the TR SO₂ Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO₂ Group 1 facility and each TR SO₂ Group 1 Unit at the facility shall hold, in the facilities compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 65: Mandatory greenhouse gas reporting
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40 CFR Part 98

Item 65.1:

40 CFR Part 98 establishes mandatory greenhouse gas (GHG) reporting requirements for owners and operators of certain facilities that directly emit GHG as well as for certain fossil fuel suppliers and industrial GHG suppliers. For suppliers, the GHGs reported are the quantity that would be emitted from combustion or use of the products supplied.

Owners and operators of facilities and suppliers that are subject to 40 CFR Part 98 must follow the requirements of subpart A and all applicable subparts of 40 CFR Part 98. If a conflict exists between a provision in subpart A and any other applicable subpart, the requirements of the applicable subpart shall take precedence.

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

Condition 66: Emission Point Definition By Emission Unit

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Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 66.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 160 Diameter (in.): 192
 NYTMN (km.): 4952.247 NYTME (km.): 622.283 Building: B1

Item 66.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 160 Diameter (in.): 192
 NYTMN (km.): 4952.253 NYTME (km.): 622.296 Building: B1

Item 66.3:

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 160 Diameter (in.): 60
 NYTMN (km.): 4952.282 NYTME (km.): 622.242 Building: B2

Condition 67: Process Definition By Emission Unit

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 67.1:

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

Emission Unit: U-00001

Process: 2NG Source Classification Code: 2-02-002-02

Process Description:

1500 kw standby generator which burns natural gas to provide electricity to building B1 during gas turbine startups and shutdowns, and when the usual source of power is unavailable.

Emission Source/Control: 0G102 - Combustion

Design Capacity: 1,500 kilowatts

Item 67.2:

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

Permit ID: 5-0942-00106/00018

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Emission Unit: U-00001
 Process: 3DG Source Classification Code: 2-02-001-02
 Process Description:

1500 kw emergency diesel generator that generates electricity for use in building B1 during gas turbine startups and shutdowns, and when the usual source of power is unavailable. This generator burns distillate fuel oil #2.

Emission Source/Control: 0G103 - Combustion
 Design Capacity: 1,500 kilowatts

Item 67.3:

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

Emission Unit: U-00001
 Process: 4DG Source Classification Code: 2-02-001-02
 Process Description:

400 kw maintenance generator burns #2 distillate fuel oil. Provides electrical power to building B1 during gas turbine shutdowns and startups, and when the usual source of power is unavailable.

Emission Source/Control: 0G104 - Combustion
 Design Capacity: 400 kilowatts

Item 67.4:

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

Emission Unit: U-00001
 Process: GD1 Source Classification Code: 2-02-002-03
 Process Description:

GE Frame 7 gas turbine/hrsg unit with supplemental firing of duct burner. Both units fire natural gas.

Emission Source/Control: 00DB1 - Combustion
 Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT1 - Combustion
 Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control
 Control Type: CATALYTIC OXIDATION

Item 67.5:

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

Emission Unit: U-00001
 Process: GT1 Source Classification Code: 2-02-002-03
 Process Description:

GE Frame 7 gas turbine/hrsg unit with no supplemental

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firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT1 - Combustion
 Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control
 Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR1 - Control
 Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 67.6:

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

Emission Unit: U-00002
 Process: GD2 Source Classification Code: 2-02-002-03
 Process Description:
 GE Frame 7 gas turbine/hrsg unit with supplemental firing
 of duct burner. Both units fire natural gas.

Emission Source/Control: 00DB2 - Combustion
 Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT2 - Combustion
 Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control
 Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control
 Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 67.7:

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

Emission Unit: U-00002
 Process: GT2 Source Classification Code: 2-02-002-03
 Process Description:
 GE Frame 7 gas turbine/hrsg unit with no supplemental
 firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT2 - Combustion
 Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control
 Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control
 Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 67.8:

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

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Emission Unit: U-00003
Process: AXN Source Classification Code: 1-02-006-01
Process Description:
Auxiliary boiler burns natural gas to generate steam for
Georgia-Pacific.

Emission Source/Control: 00AXB - Combustion
Design Capacity: 226 million Btu per hour

Item 67.9:

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

Emission Unit: U-00004
Process: ING Source Classification Code: 2-02-002-02
Process Description:
1500 kw standby generator which burns natural gas to
provide electricity to building B2 when the usual source
of power is unavailable.

Emission Source/Control: 0G101 - Combustion
Design Capacity: 1,500 kilowatts

Condition 68: Oxides of nitrogen monitoring requirements.
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.48b(b), NSPS Subpart Db

Item 68.1:

This Condition applies to Emission Unit: U-00003

Item 68.2:

Facilities subject to section 40 CFR
60-Db.44b shall install, calibrate, maintain,
operate, and record the output from an oxides
of nitrogen CEM.

**Condition 69: Use of alternative methods for measuring NOx during CEMS
downtime**
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db

Item 69.1:

This Condition applies to Emission Unit: U-00003

Item 69.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system
breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be
obtained by using standby monitoring systems, Method 7, Method 7A, or other approved

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reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 70: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 71: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 72: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

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

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

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

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 73: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured

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emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0045 pounds per million Btus

Reference Test Method: Methods 5 and 19

Monitoring Frequency: Once every five years

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the Auxiliary Boiler. NOx emission rate is limited to no more than 0.1000 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.9 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 75: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

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Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the Auxiliary Boiler. NOx emission rate is limited to no more than 0.100 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Compliance with this emission limit demonstrates compliance with 6 NYCRR 227-2.4(b)(1)(i) until 7/1/14 and with the facility specific NOx RACT limit under 227-2.5(c) on and after 7/1/14.

Manufacturer Name/Model Number: Rosemount # 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.100 pounds per million Btus

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 76: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

Item 76.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.118 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: TAPI T300M

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.118 pounds per million Btus

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

Condition 77: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.1180 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: TAPI T300M

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29.4 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

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Facility DEC ID: 5094200106

Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2021.
 Subsequent reports are due every 3 calendar month(s).

Condition 78: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of VOCs from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Testing will be required at the discretion of the permitting authority.

Parameter Monitored: VOC's

Upper Permit Limit: 1.12 pounds per hour

Reference Test Method: Method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 79: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003

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

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of VOCs from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Testing will be required at the discretion of the permitting authority.

Parameter Monitored: VOC's

Upper Permit Limit: 0.0045 pounds per million Btus

Reference Test Method: Method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 80: Compliance Certification
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter) from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.7 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 1.70 pounds per hour

Reference Test Method: Methods 202 and 201A or 5

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Monitoring Frequency: Once every five years

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 81: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter) from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.7 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0075 pounds per million Btus

Reference Test Method: Method 202 and 201A or 5

Monitoring Frequency: Once every five years

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 82: Compliance Certification

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

CAS No: 0NY075-00-0 PARTICULATES

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.2 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 1.12 pounds per hour

Reference Test Method: Method 5

Monitoring Frequency: Once every five years

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR 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 demonstrate, 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 facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the 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 any 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 malfunction 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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 83: Contaminant List

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable State Requirement: ECL 19-0301

Item 83.1:

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

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

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

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

CAS No: 007664-41-7
Name: AMMONIA

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

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

CAS No: 0NY210-00-0

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Condition 84: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable State Requirement: 6 NYCRR 201-1.4

Item 84.1:

(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 maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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 85: CLCPA Applicability
Effective between the dates of 08/12/2021 and 08/11/2026

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

Item 85.1:

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 86: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 08/12/2021 and 08/11/2026**

Applicable State Requirement:6 NYCRR 242-1.5

Item 86.1:

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

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

**Condition 87: Compliance Demonstration
Effective between the dates of 08/12/2021 and 08/11/2026**

Applicable State Requirement:6 NYCRR 242-1.5

Item 87.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 87.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- (1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control

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period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.

(2) Each ton of CO2 emitted in excess of the CO2 budget emissions limitation shall constitute a separate violation of this Part and applicable state law.

(3) A CO2 budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 88: Compliance Demonstration
Effective between the dates of 08/12/2021 and 08/11/2026

Applicable State Requirement: 6 NYCRR 242-1.5

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Facility DEC ID: 5094200106

Item 88.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 88.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

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

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 89: Compliance Demonstration

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Effective between the dates of 08/12/2021 and 08/11/2026

Applicable State Requirement: 6 NYCRR 251.3 (b)

Item 89.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 89.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On or after December 31, 2020, owners or operators of non-modified existing sources shall not fire any single fossil fuel, alone or in combination with any other fuel, where each fossil fuel is required to meet an emission rate of 180 pounds of CO₂ per million Btu of input (input-based limit). These emission limits are measured on an annual basis, calculated by dividing the annual total of CO₂ emissions for the calendar year by the annual total Btus (input-based limit) fired for each separate fossil fuel fired. The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

Parameter Monitored: CARBON DIOXIDE

Upper Permit Limit: 180 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: ANNUAL TOTAL

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2021.

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

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