



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-0942-00106/00018
Effective Date: 08/12/2016 Expiration Date: 08/11/2021

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 5-0942-00106/00023
Effective Date: 08/12/2016 Expiration Date: 08/11/2021

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

Contact: SAM ENGELHART
SARANAC POWER PARTNERS
99 WEED ST EXT PO BOX2985
PLATTSBURGH, NY 12901
(518) 563-1072

Facility: SARANAC POWER PARTNERS COGENERATION FAC
99 WEED ST EXT
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 NOx 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 NOx burners for emissions control.



New York State Department of Environmental Conservation
Facility DEC ID: 5094200106



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: ____ / ____ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



DEC GENERAL CONDITIONS

**** General Provisions ****

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:



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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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

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

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

Permit Effective Date: 08/12/2016

Permit Expiration Date: 08/11/2021



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 40 CFR Part 68: Accidental release provisions.
- 19 40 CFR 82, Subpart F: Recycling and Emissions Reduction
- 20 6 NYCRR Subpart 201-6: Compliance Certification
- 21 6 NYCRR Subpart 201-6: Compliance Certification
- 22 6 NYCRR Subpart 201-6: Compliance Certification
- 23 6 NYCRR Subpart 201-6: Compliance Certification
- 24 6 NYCRR Subpart 201-6: Compliance Certification
- 25 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 26 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 27 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
- 28 6 NYCRR 211.1: Air pollution prohibited
- 29 6 NYCRR 225-1.2 (h): Compliance Certification
- 30 6 NYCRR 227-1.3 (a): Compliance Certification
- 31 6 NYCRR 227-2.6 (b): Compliance Certification
- 32 40 CFR 52.21, Subpart A: Compliance Certification
- 33 40 CFR 52.21(j), Subpart A: Compliance Certification
- 34 40 CFR 52.21(j), Subpart A: Compliance Certification
- 35 40 CFR 52.21(j), Subpart A: Compliance Certification
- 36 40 CFR 52.21(j), Subpart A: Compliance Certification
- 37 40 CFR 52.21(j), Subpart A: Compliance Certification
- 38 40 CFR 52.21(j), Subpart A: Compliance Certification
- 39 40 CFR 52.21(j), Subpart A: Compliance Certification
- 40 40 CFR 52.21(j), Subpart A: Compliance Certification
- 41 40 CFR 52.21(j), Subpart A: Compliance Certification
- 42 40 CFR 52.21(j), Subpart A: Compliance Certification
- 43 40 CFR 52.21(j), Subpart A: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

- 44 40CFR 52.21(j), Subpart A: Compliance Certification
- 45 40CFR 52.21(j), Subpart A: Compliance Certification
- 46 40CFR 52.21(j), Subpart A: Compliance Certification
- 47 40CFR 52.21(j), Subpart A: Compliance Certification
- 48 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 49 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 50 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 51 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 52 40CFR 60.12, NSPS Subpart A: Circumvention.
- 53 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 54 40CFR 60.43a(b)(2), NSPS Subpart Da: Compliance Certification
- 55 40CFR 60.48a, NSPS Subpart Da: Compliance Certification
- 56 40CFR 60.51a(b), NSPS Subpart Da: Compliance Certification
- 57 40CFR 60.334(c), NSPS Subpart GG: Compliance Certification
- 58 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
- 59 40CFR 63.6600, Subpart ZZZZ: Compliance Certification
- 60 40CFR 63.6605(b), Subpart ZZZZ: Compliance Certification
- 61 40CFR 72.6(a)(3)(vi), Subpart A: Compliance Certification
- 62 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 63 40CFR 97.506, Subpart BBBBB: Compliance Certification
- 64 40CFR 97.606, Subpart CCCCC: Compliance Certification

Emission Unit Level

EU=U-00003,Proc=AXN

- 65 40CFR 60.48b(b), NSPS Subpart Db: Oxides of nitrogen monitoring requirements.
- 66 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 67 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification
- 68 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 69 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification

EU=U-00003,EP=00003

- 70 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 71 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 72 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 73 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 74 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 75 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 76 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 77 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 78 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 79 40CFR 52.21(j)(2), Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 80 ECL 19-0301: Contaminant List
- 81 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 82 6 NYCRR 211.2: Visible Emissions Limited
- 83 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission



requirements

- 84 6 NYCRR 242-1.5: Compliance Demonstration
- 85 6 NYCRR 242-1.5: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

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

Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and



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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is 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 this 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 Part 201-6.7 and Part 621.

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

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

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

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

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



a shorter time period in the case of an emergency.

Item K: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 08/12/2016 and 08/11/2021**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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



emission control required.

Condition 2: Fees
Effective between the dates of 08/12/2016 and 08/11/2021

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 08/12/2016 and 08/11/2021

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 08/12/2016 and 08/11/2021

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

Item 4.1:

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



Condition 5: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring



report required above.

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

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

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual 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 1/30/2017.

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

Condition 6: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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 1/30/2017.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 08/12/2016 and 08/11/2021

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 08/12/2016 and 08/11/2021



Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

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

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



Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 08/12/2016 and 08/11/2021

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 08/12/2016 and 08/11/2021

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 08/12/2016 and 08/11/2021

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

Item 16.1:

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

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

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

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

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

Condition 17: Off Permit Changes



Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 17.1:

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

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

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

Condition 18: Accidental release provisions.

Effective between the dates of 08/12/2016 and 08/11/2021

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Condition 19: Recycling and Emissions Reduction
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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

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

Condition 20: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 20.1:

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 20.2:

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

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 10/30/2016.

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

Condition 21: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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 21.2:

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 10/30/2016.

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

Condition 22: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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:



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

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: Rosemount #951C

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 10/30/2016.

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

Condition 23: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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 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 1/30/2017.

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

Condition 24: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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:

Emission Unit: U-00001

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 24.2:

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: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Upper Permit Limit: 25 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 10/30/2016.

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

Condition 25: Progress Reports Due Semiannually
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 25.1:

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 26: Non Applicable requirements
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 26.1:

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 27: Required Emissions Tests - Facility Level
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 27.1:



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 28: Air pollution prohibited
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:6 NYCRR 211.1

Item 28.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 29: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Description: Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

Compliance with this limit will be based on vendor certifications.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 30: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity from a combustion source shall not be greater than 20 percent (six minute average) except for one six minute period per hour of not more than 27 percent. The Department reserves the right to perform or require the performance of a method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 31: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

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 NO_x 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 10/30/2016.

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

Condition 34: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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



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 35.2:

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 pounds per hour for generator 0G104.

Emissions of Carbon Monoxide are limited to 0.43 pounds per mmBtu and 7.46 pounds per hour for generators 0G101 and 0G102; 1.76 pounds per mmBtu and 25.9 pounds per hour for generator 0G103; and 1.57 pounds per mmBtu and 7.61 pounds per hour for generator 0G104.

Emissions of VOCs are limited to 0.144 pounds per mmBtu and 42.8 pounds per hour for generators 0G101 and 0G102; 0.108 pounds per mmBtu and 1.59 pounds per hour for generator 0G103; and 0.035 pounds per mmBtu and 1.57 pounds per hour for generator 0G104.

Emissions of particulates are limited to 0.013 pounds per mmBtu and 0.25 pounds per hour for generators 0G101 and 0G102; 0.047 pounds per mmBtu and 0.69 pounds per hour for generator 0G103; and 0.047 pounds per mmBtu and 0.23 pounds per hour for generator 0G104.

Emissions of PM-10 are limited to 0.013 pounds per mmBtu and 0.25 pounds per hour for generators 0G101 and 0G102; 0.0573 pounds per mmBtu and 0.8 pounds per hour for generator 0G103; and 0.0573 pounds per mmBtu and 0.28 pounds per hour for generator 0G104.

Stack testing to demonstrate compliance with these limits may be required at the discretion of the permit administrator.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 44.05 pounds per hour

Reference Test Method: Methods 7E, 10, 25A, 5, 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 36: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 36.1:

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

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GD2

Emission Unit: U-00002
Process: GT2

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

Item 36.2:

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 DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 37: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Effective between the dates of 08/12/2016 and 08/11/2021

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 Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GD2

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 37.2:

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). 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 63

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.0060 pounds per million Btus

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 38: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 38.1:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GD2

Emission Unit: U-00002
Process: GT2

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

Item 38.2:

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). 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 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 normally be performed with the duct burner in operation.

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 39: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Item 39.1:

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: 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 DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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 Unit: U-00002
Process: GD2

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Item 40.2:

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 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: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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: GD1

Emission Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GD2

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the gas turbine/HRSG 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 10/30/2016.

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

**Condition 42: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021**

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

Item 42.1:

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 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Manufacturer Name/Model Number: Rosemount #951 C

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: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 43: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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 Emission Point: 00001

Emission Unit: U-00002 Emission Point: 00002

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

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the combined gas turbine and HRSG exhaust. The associated selective catalytic reduction unit, 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 six hours per occurrence), is used to control NOx emissions to the required limit of 9 ppm (by volume, dry, corrected to 15% oxygen). This limit, which is based upon a PSD BACT analysis and converts to approximately 0.033 pounds per million Btu's of heat input, is more stringent than the standard set forth in either 40 CFR 60, Subpart Da (0.2 pounds per million Btu) or 40 CFR 60, Subpart GG (.0075% or 75 ppm, by volume, dry, corrected to 15% oxygen, or approximately 0.28 pounds per million Btu) for NOx emissions from the duct burner or the gas turbine, respectively. The associated duct burner will only be operated when the corresponding Gas Turbine is operating. Compliance with this combined limit will, therefore, assure compliance with the Subpart Da and Subpart GG limits for NOx.



New York State Department of Environmental Conservation

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: Rosemount #951C
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 10/30/2016.
Subsequent reports are due every 3 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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 Unit: U-00002
Process: GD2

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

Item 44.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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 DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 45: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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 Unit: U-00002

Process: GD2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 45.2:

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 0.0062 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 DURING THE TERM OF THE PERMIT



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 46: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The 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 stage only.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 47: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 47.1:

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 47.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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: Rosemount #951 C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 55.3 pounds per hour

Reference Test Method: PS 2

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 48: EPA Region 2 address.

Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 48.1:

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 49: Recordkeeping requirements.

Effective between the dates of 08/12/2016 and 08/11/2021

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Item 49.1:

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 50: Facility files for subject sources.
Effective between the dates of 08/12/2016 and 08/11/2021**

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

Item 50.1:

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 51: Compliance with Standards and Maintenance Requirements
Effective between the dates of 08/12/2016 and 08/11/2021**

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

Item 51.1:

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 52: Circumvention.
Effective between the dates of 08/12/2016 and 08/11/2021**

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 52.1:

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 53: Monitoring requirements.
Effective between the dates of 08/12/2016 and 08/11/2021**

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Item 53.1:

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

Condition 54: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 60.43a(b)(2), NSPS Subpart Da

Item 54.1:

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

Emission Unit: U-00001	
Process: GD1	Emission Source: 00DB1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00DB2
Regulated Contaminant(s):	
CAS No: 007446-09-5	SULFUR DIOXIDE

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner will burn natural gas only in the duct burners at this facility (ES Nos. 00DB1 and 00DB2). Per USEPA AP-42 emission factors (Table 1.4-2, 3/98 Edition), this will maintain sulfur dioxide emissions at 0.0006 lbs/mmBTU; well below 0.20 pounds per million Btu's of heat input. No monitoring or reporting is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 55: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 60.48a, NSPS Subpart Da

Item 55.1:

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

Emission Unit: U-00001	
Process: GD1	Emission Source: 00DB1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00DB2

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Regulated Contaminant(s):

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

Item 55.2:

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: Rosemount #951C

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 10/30/2016.

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

Condition 56: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Item 56.1:

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 56.2:

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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



Condition 57: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 57.1:

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 57.2:

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 NOx 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 NOx concentration exceeds 75 ppmv (dry, corrected to 15% Oxygen). The source owner shall submit NOx 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 NOx of 9 ppmv (dry, corrected to 15% Oxygen) during normal operations and the additional start-up/shutdown limits for NOx as set forth elsewhere in this permit.

Manufacturer Name/Model Number: Rosemont #951C



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

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 1/30/2017.

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

Condition 58: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement: 40CFR 60.334(h), 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: 007446-09-5 SULFUR DIOXIDE

Item 58.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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) with 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 NOx 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 1/30/2017.

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

Condition 59: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 63.6600, Subpart ZZZZ

Item 59.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

Process: 2NG

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Emission Unit: U-00004

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 59.2:

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 1/30/2017.

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

Condition 60: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 60.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Process: 2NG

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Emission Unit: U-00004

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

(b) At all times you 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 you to make 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 61: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 61.1:

The Compliance Certification activity will be performed for the Facility.

Item 61.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 1/30/2017.

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

Condition 62: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 62.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

Applicable Federal Requirement:40CFR 97.506, Subpart BBBBB

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 §§97.513 through 97.518 of Subpart BBBBB. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR NOx Ozone Season source (facility) and each TR NOx Ozone Season Unit at the facility shall comply with the



monitoring, reporting, and recordkeeping requirements of §§97.530 through 97.535 of Subpart BBBBB and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR NO_x Ozone Season allowances and to determine compliance with the TR NO_x Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO_x Ozone Season facility and each TR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, TR NO_x Ozone Season allowances available for deduction for such control period under §97.524(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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 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

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

**Condition 65: Oxides of nitrogen monitoring requirements.
Effective between the dates of 08/12/2016 and 08/11/2021**

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

Item 65.1:



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

This Condition applies to Emission Unit: U-00003
Process: AXN

Item 65.2:

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 66: Use of alternative methods for measuring NO_x during CEMS downtime

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 66.1:

This Condition applies to Emission Unit: U-00003
Process: AXN

Item 66.2:

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 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 67: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003
Process: AXN

Item 67.2:

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 1/30/2017.

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

Condition 68: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Process: AXN

Regulated Contaminant(s):

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 preceeding 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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



- 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 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 69: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 69.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00003
Process: AXN

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

Item 69.2:
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.

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 70: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 70.1:

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 70.2:

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 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 DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 71.1:

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 71.2:

New York State Department of Environmental Conservation

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 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

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 72.1:

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 72.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 73: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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: 0NY998-00-0 VOC

Item 73.2:

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 74: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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: 0NY075-00-5 PM-10

Item 74.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

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 DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 75: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 75.1:

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 75.2:

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 DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 76: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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: 0NY210-00-0 OXIDES OF NITROGEN

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NO_x from the Auxiliary Boiler. NO_x 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 NO_x 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 10/30/2016.

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

Condition 77: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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

Item 77.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

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 NO_x from the Auxiliary Boiler. NO_x 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 10/30/2016.

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

Condition 78: Compliance Certification

Effective between the dates of 08/12/2016 and 08/11/2021

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: 000630-08-0 CARBON MONOXIDE

Item 78.2:

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 0.118 pounds per million Btu's of heat input (based upon the higher heating value of the



New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106

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: Siemens Ultramat 5E
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 10/30/2016.
Subsequent reports are due every 3 calendar month(s).

Condition 79: Compliance Certification
Effective between the dates of 08/12/2016 and 08/11/2021

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: 000630-08-0 CARBON MONOXIDE

Item 79.2:

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: Siemens Ultramat 5E
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 ROLLING AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2016.
Subsequent reports are due every 3 calendar month(s).





STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

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

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 80: Contaminant List
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:ECL 19-0301

Item 80.1:

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

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

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

CAS No: 007664-41-7
Name: AMMONIA

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

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

CAS No: 0NY100-00-0
Name: TOTAL HAP

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

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



CAS No: 0NY998-00-0

Name: VOC

Condition 81: Malfunctions and start-up/shutdown activities
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:6 NYCRR 201-1.4

Item 81.1:

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

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

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

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

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

Condition 82: Visible Emissions Limited
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:6 NYCRR 211.2



Item 82.1:

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 83: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:6 NYCRR 242-1.5

Item 83.1:

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 84: Compliance Demonstration
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:6 NYCRR 242-1.5

Item 84.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 84.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- (1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO2 emitted in excess of the CO2 budget



emissions limitation shall constitute a separate violation of this Part and applicable state law.

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

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 85: Compliance Demonstration
Effective between the dates of 08/12/2016 and 08/11/2021

Applicable State Requirement:6 NYCRR 242-1.5

Item 85.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 85.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



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 1/30/2017.

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

