



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-2912-00059/00013
Effective Date: 11/09/2016 Expiration Date: 11/08/2021

Permit Issued To: FORTISTAR NORTH TONAWANDA INC
1070 ERIE AVE
NORTH TONAWANDA, NY 14120

Contact: LEWIS L STALEY
LOCKPORT ENERGY ASSOC LP
5087 JUNCTION RD
LOCKPORT, NY 14094

Facility: FORTISTAR NORTH TONAWANDA INC
1070 ERIE AVE
NORTH TONAWANDA, NY 14120

Contact: DANIEL ROTUNNO
FORTISTAR NORTH TONAWANDA INC
1070 ERIE AVE
NORTH TONAWANDA, NY 14120
(716) 694-9874

Description:

This is a Title V Air Permit renewal (Ren 2, Mod 0) for the Fortistar North Tonawanda Inc. (FNT) facility located in North Tonawanda, New York. The FNT facility was originally constructed as an electrical cogeneration facility. Steam was provided to an off-site host facility (Fortistar Greenhouses) for space heating. Although Fortistar no longer owns the greenhouse, they are under contract to provide steam to it. The facility currently generates electric power for sale to the local utility (National Grid).

The facility generates steam and electric power using a stationary gas turbine, heat recovery steam generator newly equipped with two duct burners, and a steam turbine generator. The nominal power output for the plant is approximately 63 megawatts (MW). A small auxiliary boiler assists with startup and other plant needs. A larger standby natural gas fired auxiliary boiler is used to supply heating and other process steam loads when the combustion turbine is off-line. The facility also has a primary diesel emergency generator engine and a secondary diesel starting motor used to rotate the gas turbine to a speed at which it can be fired.



The FNT facility is comprised of four Emission Units: U-00001 - General Electric Model PG6541(B) 55 MW combined cycle gas turbine, heat recovery steam generator, two duct burners, evaporative cooling systems, and a Cleaver Brooks 200-20-150 (10.5 MMBtu/hr) auxiliary boiler; U-00002 - Caterpillar 3512 DITA (10.5 MMBtu/hr) primary diesel emergency generator; U-00003 - Detroit Diesel 12-VA-86629 (4.3 MMBtu/hr) secondary diesel starting motor); U-00004 - Cleaver Brooks Steam Unit (49.5 MMBtu/hr) natural gas fired steam boiler.

Natural gas is the primary fuel used at the facility, with No. 2 fuel oil as the backup for both the gas turbine and the auxiliary startup boiler and as the only fuel for the two diesel units. Revised limits for sulfur in fuel oil promulgated under 6 NYCRR 225-1.2 have been added to the permit.

The enforceable emission limits in the original Title V permit were established in order to avoid PSD regulations and will be retained. This Title V permit renewal evaluated a project entailing the addition of two duct burners; it was determined that the project did not trigger NSR applicability under 6 NYCRR Part 231.

Emission levels of nitrogen oxide (NO_x) and carbon monoxide (CO) are monitored in the exhaust gas for the combustion turbine using a Continuous Emission Monitoring System (CEMS).

This renewal adds a new requirement for stack testing of the combustion turbine once every five years to determine compliance with the emission limits for PM-10 and VOC. It also adds a requirement for stack testing of the auxiliary startup boiler once every five years to determine compliance with the emission limits for NO_x, CO, PM-10, and VOC. Stack testing of the natural gas fired steam boiler will be performed once every five years to determine compliance with the NO_x emission limit.

This renewal adds new limits for combustion turbine emissions of NO_x and CO during startup and shutdown while firing natural gas, and requires the development of specific emission limits for startup and shutdown while firing oil.

The combustion turbine is subject primarily to the New Source Performance Standards 40 CFR 60 Subpart GG and the Reasonably Available Control Technology (RACT) for Oxides of Nitrogen 6 NYCRR Part 227-2. The



auxiliary boiler and the 49.5 MMBtu/hr steam unit are subject to 40 CFR 60 Subpart Dc and NO_x RACT.

The Department reviewed an updated NO_x RACT Plan (submitted June 6, 2016) and in a June 21, 2016 letter the Department approved the facility's NO_x RACT Plan. This permit renewal contains conditions that adhere to the operating limits proposed in the plan.

This permit transitions from prior acid rain/NO_x Budget programs to the federal Cross-State Air Pollution Rule (CSAPR). The Title V Permit has been updated to remove various New York State acid rain/NO_x Budget regulations which have been repealed since the last permit renewal was issued (6 NYCRR Parts 204 and 237). Citations for CSAPR, 40 CFR 97, have been added.

The facility is subject to requirements under 6 NYCRR Part 242, CO₂ Budget Trading Program, which have been added to this permit renewal.

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: LISA M CZECHOWICZ
 NYSDEC - REGION 9
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

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 9 HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

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

Item 3.3

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: FORTISTAR NORTH TONAWANDA INC
1070 ERIE AVE
NORTH TONAWANDA, NY 14120

Facility: FORTISTAR NORTH TONAWANDA INC
1070 ERIE AVE
NORTH TONAWANDA, NY 14120

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

Permit Effective Date: 11/09/2016

Permit Expiration Date: 11/08/2021



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 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR Subpart 201-6: Compliance Certification
- 23 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 24 6 NYCRR 211.1: Air pollution prohibited
- 25 6 NYCRR 225-1.2 (h): Compliance Certification
- 26 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 27 40CFR 60.12, NSPS Subpart A: Circumvention.
- 28 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 29 40CFR 60.14, NSPS Subpart A: Modifications.
- 30 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 31 40CFR 63, Subpart ZZZZ: Applicability
- 32 40 CFR Part 72: Facility Subject to Title IV Acid Rain Regulations and Permitting
- 33 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 34 40CFR 97.506, Subpart BBBBB: Compliance Certification
- 35 40CFR 97.606, Subpart CCCCC: Compliance Certification

Emission Unit Level

- 36 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 37 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 38 6 NYCRR 227-1.3 (a): Compliance Certification

EU=U-00001

- 39 40CFR 60.334, NSPS Subpart GG: Compliance Certification



EU=U-00001,Proc=P10

40 6 NYCRR 231-11.2 (b): Compliance Certification

EU=U-00001,Proc=P11,ES=00001

41 6 NYCRR Subpart 201-6: Compliance Certification

42 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00001,Proc=PO1,ES=00001

43 6 NYCRR Subpart 201-6: Compliance Certification

44 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00001,Proc=PO3,ES=00002

45 6 NYCRR Subpart 201-6: Compliance Certification

46 6 NYCRR Subpart 201-6: Compliance Certification

47 6 NYCRR Subpart 201-6: Compliance Certification

48 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00001,EP=00001

49 6 NYCRR Subpart 201-6: Compliance Certification

50 6 NYCRR Subpart 201-6: Compliance Certification

51 6 NYCRR Subpart 201-6: Compliance Certification

52 6 NYCRR Subpart 201-6: Compliance Certification

53 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00001,EP=00001,Proc=P11

54 6 NYCRR Subpart 201-6: Compliance Certification

55 6 NYCRR Subpart 201-6: Compliance Certification

56 6 NYCRR 227-1.3: Compliance Certification

EU=U-00001,EP=00001,Proc=PO1

57 6 NYCRR Subpart 201-6: Compliance Certification

58 6 NYCRR Subpart 201-6: Compliance Certification

59 6 NYCRR Subpart 201-6: Compliance Certification

60 6 NYCRR Subpart 201-6: Compliance Certification

61 6 NYCRR Subpart 201-6: Compliance Certification

62 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00001,EP=00001,Proc=PO4,ES=00002

63 6 NYCRR Subpart 201-6: Compliance Certification

64 6 NYCRR Subpart 201-6: Compliance Certification

65 6 NYCRR Subpart 201-6: Compliance Certification

66 6 NYCRR Subpart 201-6: Compliance Certification

67 6 NYCRR Subpart 201-6: Compliance Certification

68 6 NYCRR 227-1.3: Compliance Certification

EU=U-00002,EP=00002,Proc=PO7,ES=00003

69 6 NYCRR Subpart 201-6: Compliance Certification

70 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00003,EP=00003,Proc=PO8,ES=00004

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



- 71 6 NYCRR Subpart 201-6: Compliance Certification
- 72 6 NYCRR Subpart 201-6: Compliance Certification

EU=U-00004,EP=00004,Proc=P09,ES=00006

- 73 6 NYCRR Subpart 201-6: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 74 ECL 19-0301: Contaminant List
- 75 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 76 6 NYCRR 242-1.5: Compliance Demonstration
- 77 6 NYCRR Subpart 242-4: Compliance Demonstration
- 78 6 NYCRR 242-8.5: 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 11/09/2016 and 11/08/2021**

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 11/09/2016 and 11/08/2021

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 11/09/2016 and 11/08/2021

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 11/09/2016 and 11/08/2021

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 11/09/2016 and 11/08/2021

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 11/09/2016 and 11/08/2021

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
NYSDEC Region 9 Headquarters
270 Michigan Avenue
Buffalo, NY 14203-2915

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



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 11/09/2016 and 11/08/2021

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.

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 11/09/2016 and 11/08/2021

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 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Emission Unit Definition
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: U-00001

Emission Unit Description:

Consists of emission sources ES00001 (55 MW combined cycle gas turbine and heat recovery steam generator), ES00002 (10.5 MMBtu/hr heat input auxiliary boiler), ES00007 and ES00008 (duct burners each at 18.82 MMBtu/hr) emitting to the same emission point 00001. Units are located on the first floor of the Powerhouse building.

Building(s): Powerhouse

Item 21.2:

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

Emission Unit: U-00002

Emission Unit Description:

Emission source ES00003 is a 10.5 MMBtu/hr diesel emergency generator (primary). Unit is located on the first floor of the Powerhouse building.

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Building(s): Powerhouse

Item 21.3:

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

Emission Unit: U-00003

Emission Unit Description:

Emission source ES00004 is a 4.3 MMBtu/hr diesel starting motor (secondary). Unit is located on first floor of Powerhouse building.

Building(s): Powerhouse

Item 21.4:

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

Emission Unit: U-00004

Emission Unit Description:

Emission source ES00006 is a 49.5 MMBtu/hr Cleaver Brooks boiler (steam unit). This unit will only operate when the combustion turbine is not in operation. The boiler is fitted with low NOx burners and integrated combustion technology.

Building(s): Powerhouse

Condition 22: Compliance Certification

Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except during periods of start up, malfunction and shutdown the combustion turbine may operate under the following two scenarios: (1) may fire distillate oil only while operating at 100% load, and (2) may operate at partial loads between 80% and 100% only while firing natural gas.

When the combustion turbine is operating at partial load the auxiliary boiler shall not operate.

The facility must continuously measure ambient temperature within +/- 3 degrees Fahrenheit.

A summary of the emission limits and operating restrictions of this permit must be posted in the control

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



room of the facility and must be plainly visible (without obstructions) to the operator of the facility.

The facility must monitor and record the type and amount of fuel burned in the combustion turbine, primary diesel generator, secondary diesel starting motor, auxiliary boiler and natural gas fired steam boiler accurate to within +/- 5 percent. Annual (calendar year) reporting for fuel use is required per the specific fuel use conditions in this permit.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 23: Progress Reports Due Semiannually
Effective between the dates of 11/09/2016 and 11/08/2021

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

Item 23.1:

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 24: Air pollution prohibited
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR 211.1

Item 24.1:

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 25: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

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

Item 25.1:

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 26: Opacity standard compliance testing.
Effective between the dates of 11/09/2016 and 11/08/2021**

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 26.1:

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

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

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

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

**Condition 27: Circumvention.
Effective between the dates of 11/09/2016 and 11/08/2021**



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 34: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:40CFR 97.506, Subpart BBBBB

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Regulated Contaminant(s):

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.513 through 97.518 of Subpart BBBBB. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.
- (2) The facility, and the designated representative, of each TR NO_x Ozone Season source (facility) and each TR NO_x Ozone Season Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.530 through 97.535 of Subpart BBBBB and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.
- (3) The emissions data determined shall be used to calculate allocations of TR NO_x Ozone Season allowances and to determine compliance with the TR NO_x Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO_x Ozone Season facility and each TR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, TR NO_x Ozone Season allowances available for deduction for such control period under §97.524(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 35.2:

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,

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



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 36: Emission Point Definition By Emission Unit
Effective between the dates of 11/09/2016 and 11/08/2021**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 36.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 165

Diameter (in.): 126

NYTMN (km.): 4773.436

NYTME (km.): 186.082

Building: Powerhouse

Item 36.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 68

Diameter (in.): 17

NYTMN (km.): 4773.41

NYTME (km.): 186.061

Building: Powerhouse

Item 36.3:

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 71

Diameter (in.): 14

NYTMN (km.): 4773.384

NYTME (km.): 186.079

Building: Powerhouse

Item 36.4:

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

Emission Unit: U-00004

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Emission Point: 00004
Height (ft.): 74 Diameter (in.): 42
NYTMN (km.): 4773.381 NYTME (km.): 186.13 Building: Powerhouse

Condition 37: Process Definition By Emission Unit
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 37.1:

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

Emission Unit: U-00001
Process: P10 Source Classification Code: 1-01-006-02
Process Description: Natural gas combustion in duct burners #1 and #2.

Emission Source/Control: 00007 - Combustion
Design Capacity: 18.82 million Btu per hour

Emission Source/Control: 00008 - Combustion
Design Capacity: 18.82 million Btu per hour

Item 37.2:

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

Emission Unit: U-00001
Process: P11 Source Classification Code: 2-01-001-01
Process Description: Distillate oil combustion in combustion turbine.

Emission Source/Control: 00001 - Combustion
Design Capacity: 55 megawatt

Item 37.3:

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

Emission Unit: U-00001
Process: PO1 Source Classification Code: 2-01-002-01
Process Description: Natural gas combustion in combustion turbine.

Emission Source/Control: 00001 - Combustion
Design Capacity: 55 megawatt

Item 37.4:

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

Emission Unit: U-00001
Process: PO3 Source Classification Code: 1-01-006-02
Process Description: Natural gas combustion in auxiliary boiler.

Emission Source/Control: 00002 - Combustion



Design Capacity: 10.5 million Btu per hour

Item 37.5:

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

Emission Unit: U-00001
Process: PO4 Source Classification Code: 1-01-005-01
Process Description: Distillate oil combustion in auxiliary boiler.

Emission Source/Control: 00002 - Combustion
Design Capacity: 10.5 million Btu per hour

Item 37.6:

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

Emission Unit: U-00002
Process: PO7 Source Classification Code: 2-01-001-02
Process Description:
Distillate oil combustion in diesel emergency generator
(primary).

Emission Source/Control: 00003 - Combustion
Design Capacity: 10.5 million Btu per hour

Item 37.7:

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

Emission Unit: U-00003
Process: PO8 Source Classification Code: 2-01-001-02
Process Description:
Distillate oil combustion in starting diesel engine
(secondary).

Emission Source/Control: 00004 - Combustion
Design Capacity: 4.3 million Btu per hour

Item 37.8:

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

Emission Unit: U-00004
Process: P09 Source Classification Code: 1-01-006-02
Process Description: Natural gas combustion in steam boiler.

Emission Source/Control: 00006 - Combustion
Design Capacity: 49.5 million Btu per hour

Condition 38: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

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

Item 38.1:

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: 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 39: Compliance Certification

Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 40CFR 60.334, NSPS Subpart GG

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must monitor fuel sulfur and nitrogen content on a per delivery basis for distillate oil. Fuel sampling of natural gas is not required if the natural gas combusted

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



meets the definition of natural gas as stated in 40 CFR 331(u). Records of fuel analysis shall be retained on site for a period of five (5) years.

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 40: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 6 NYCRR 231-11.2 (b)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: P10

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a modification with a project emission potential that does not utilize the emissions exclusion allowed under section 231-4.1(b)(41)(i)(c) of this Part and which is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, or for a modification with a project emission potential which when added to emissions excluded in accordance with clause 231-4.1(b)(41)(i)(c) of this Part is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, the facility owner or operator, in addition to complying with any requirements under Part 201 of this Title, must maintain the following information for a minimum of five years:

- (1) A description of the modification.
- (2) An identification of each new or modified emission source(s) including the associated processes and emission unit.
- (3) The calculation of the project emission potential for each modified emission source(s) including supporting documentation.

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



(4) The date the modification commenced operation.

These recordkeeping requirements apply to exempt and trivial activities but do not affect their exempt or trivial permitting status under Subpart 201-3 of this Title. The facility must submit these records to the Department, upon the Department's request.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: P11

Emission Source: 00001

Regulated Contaminant(s):

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

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The PM, PM-10 emission limit for the combustion turbine firing distillate oil is 0.031 lb/MMBtu (17.0 lb/hr). In order to determine compliance with these limits stack testing will be done once every five years while firing the duct burners. These records must be kept on site for a minimum of five years.

Parameter Monitored: PM-10

Upper Permit Limit: .031 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 42: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: P11

Emission Source: 00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The VOC emission limit for the combustion turbine firing distillate oil is 0.005 lb/MMBtu (2.5 lb/hr). In order to determine compliance with these limits stack testing will be done once every five years while firing the duct burners. These records must be kept on site for a minimum of five years.

Parameter Monitored: VOC

Upper Permit Limit: .005 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 43: Compliance Certification

Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: PO1

Emission Source: 00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The VOC emission limit for the combustion turbine firing

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Condition 45: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: PO3

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the VOC emission limit of 0.012 lb/MMBtu (0.126 lb/hr) for the auxiliary boiler firing natural gas. These records must be kept on site for a minimum of five years.

Parameter Monitored: VOC

Upper Permit Limit: .012 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 46: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: PO3

Emission Source: 00002

Regulated Contaminant(s):

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

Item 46.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the PM, PM-10 emission limit of 0.011 lb/MMBtu (0.11 lb/hr) for the auxiliary boiler firing natural gas. These records must be kept on site for a minimum of five years.

Parameter Monitored: PM-10

Upper Permit Limit: .011 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 47: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: PO3

Emission Source: 00002

Regulated Contaminant(s):

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the NOx emission limit of 0.12 lb/MMBtu (1.26 lb/hr) for the auxiliary boiler firing natural gas. These records must be kept on site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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



Condition 48: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: PO3 Emission Source: 00002

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

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the CO emission limit of 0.151 lb/MMBtu (1.58 lb/hr) for the auxiliary boiler firing natural gas. These records must be kept on site for a minimum of five years.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: .151 pounds per million Btus
Reference Test Method: 40 CFR Part 60, Appendix A
Monitoring Frequency: Once every five years
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Item 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059

The facility is limited to three hours per startup of the combustion turbine. The facility shall record the duration of every startup and maintain these records on site for a minimum of five years.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 3 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

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 50: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 50.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility is limited to one hour per shutdown of the combustion turbine. The facility shall record the duration of every shutdown and maintain these records on site for a minimum of five years.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 1 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

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 51: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the combustion turbine firing distillate oil, the owner or operator shall record the NOx and CO emissions in pounds for startup and shutdown. Once ten (10) startups and ten (10) shutdowns have been recorded, the owner or operator shall submit the startup and shutdown data with an application for permit modification to establish enforceable startup and shutdown emission rates for NOx and CO.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 52: Compliance Certification

Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil usage in the combustion turbine shall not exceed 1,440 hours per year.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 1440 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED 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 53: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil usage in the combustion turbine shall not exceed 5.9 million gallons.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 5900000 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: P11

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner/operator shall install, calibrate, maintain, and operate a CEM to measure emissions of CO from the combustion turbine firing alone in process P11 (distillate oil combustion) or in combination with the auxiliary

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



boiler in processes PO3 (natural gas combustion) or PO4 (distillate oil combustion), and together with or without the operation of the duct burners in process P10 (natural gas combustion). The CEM records shall be maintained on site for a minimum of five years.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Part 60, appendix A, Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 55: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: P11

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/operator shall install, calibrate, maintain, and operate a CEM to measure emissions of NO_x from the combustion turbine firing alone in process P11 (distillate oil combustion) or in combination with the auxiliary boiler in processes PO3 (natural gas combustion) or PO4 (distillate oil combustion), and together with or without the operation of the duct burners in process P10 (natural gas combustion). The CEM records shall be maintained on site for a minimum of five years.

The emission limit of 44 ppmvd corrected to 15 percent oxygen was evaluated in a NO_x RACT analysis performed as required under 6 NYCRR 227-2.4(e)(3). DEC approved the continuation of the existing presumptive RACT emission limit without requiring additional control

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



technologies.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 44 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Part 60 Appendix A, Methods 7E and 20

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 56: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 6 NYCRR 227-1.3

Item 56.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: P11

Emission Point: 00001

Emission Source: 00001

Emission Unit: U-00003

Process: PO8

Emission Point: 00003

Emission Source: 00004

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired internal combustion engines which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each internal combustion engine which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:



- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

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 57: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

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

Emission Unit: U-00001 Emission Point: 00001
Process: PO1

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

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner/operator shall install, calibrate, maintain, and operate a CEM to measure emissions of NOx during startup from the combustion turbine firing natural gas. The CEM records shall be maintained on site for a minimum of five years.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 360 pounds

Reference Test Method: 40 CFR Part 60, Appendix A, Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

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 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO1

Regulated Contaminant(s):

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner/operator shall install, calibrate, maintain, and operate a CEM to measure emissions of NOx during shutdown from the combustion turbine firing natural gas. The CEM records shall be maintained on site for a minimum of five years.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 50 pounds

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



combustion turbine firing alone in process PO1 (natural gas combustion) or in combination with the auxiliary boiler in processes PO3 (natural gas combustion) or PO4 (distillate oil combustion), and together with or without the operation of the duct burners in process P10 (natural gas combustion). The CEM records shall be maintained on site for a minimum of five years.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 40 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR Part 60, Appendix A, Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 62: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO1

Regulated Contaminant(s):

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

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner/operator shall install, calibrate, maintain, and operate a CEM to measure emissions of NO_x from the combustion turbine firing alone in process PO1 (natural gas combustion) or in combination with the auxiliary boiler in processes PO3 (natural gas combustion) or PO4 (distillate oil combustion), and together with or without the operation of the duct burners in process P10 (natural gas combustion). The CEM records shall be maintained on site for a minimum of five years.

The emission limit of 25 ppmvd corrected to 15 percent oxygen was evaluated in a NO_x RACT analysis performed as required under 6 NYCRR 227-2.4(e)(3). DEC approved the



New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059

continuation of the existing presumptive RACT emission limit without requiring additional control technologies.

Manufacturer Name/Model Number: HORIBA CMA-331A

Parameter Monitored: OXIDES OF NITROGEN

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

Reference Test Method: 40 CFR Part 60, Appendix A, Methods 7E and 20

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 63: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO4

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the VOC emission limit of 0.02 lb/MMBtu (0.21 lb/hr) for the auxiliary boiler firing distillate oil. These records must be kept on site for a minimum of five years.

Parameter Monitored: VOC

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 64: Compliance Certification



Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: PO4 Emission Source: 00002

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

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the PM, PM-10 emission limit of 0.021 lb/MMBtu (0.22 lb/hr) for the auxiliary boiler firing distillate oil. These records must be kept on site for a minimum of five years.

Parameter Monitored: PM-10
Upper Permit Limit: 0.021 pounds per million Btus
Reference Test Method: 40 CFR Part 60, Appendix A
Monitoring Frequency: Once every five years
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: PO4 Emission Source: 00002

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

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the NOx emission limit of 0.187 lb/MMBtu (1.96 lb/hr) for the auxiliary boiler firing distillate oil. These records must be kept on site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.187 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 66: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO4

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the CO emission limit of 0.071 lb/MMBtu (0.74 lb/hr) for the auxiliary boiler firing distillate oil. These records must be kept on site for a minimum of five years.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.071 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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



New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059

Condition 67: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO4

Emission Source: 00002

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil usage in the auxiliary boiler shall not exceed 685,000 gallons.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 685000.0 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 68: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: PO4

Emission Source: 00002

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on



oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

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 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: PO7 Emission Source: 00003

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Total annual distillate oil usage for the diesel
emergency generator (primary) shall not exceed 66,600
gallons.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 66600.0 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 70: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: PO7 Emission Source: 00003

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The diesel emergency generator (primary) shall not exceed
415 hours per year of operation (emergency pursuant to 6
NYCRR Part 200.1(cq)) and is not subject to the 6 NYCRR



New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059

Part 227-2 NOx RACT provisions pursuant to the exemption under 6 NYCRR Part 227-2.4(f)(6).

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 415 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED 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 71: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Process: PO8

Emission Source: 00004

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil usage in the starting motor shall not exceed 8,610 gallons.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 8610.0 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 72: Compliance Certification
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Process: PO8

Emission Source: 00004

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Operation of the starting motor is limited to 200 hours per year.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 200 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED 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 73: Compliance Certification

Effective between the dates of 11/09/2016 and 11/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Emission Point: 00004

Process: P09

Emission Source: 00006

Regulated Contaminant(s):

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

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing will be done once every five years in order to determine compliance with the NOx emission limit of 0.10 lb/MMBtu for the steam boiler firing natural gas.

These records must be kept on site for a minimum of five years.

The emission limit of 0.10 lb/MMBtu was evaluated in a NOx RACT analysis performed as required under 6 NYCRR 227-2.4(c)(1)(ii). DEC approved the continuation of the existing presumptive RACT emission limit without requiring additional control technologies.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.10 pounds per million Btus

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



Reference Test Method: 40 CFR Part 60, Appendix A

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



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).

Condition 77: Compliance Demonstration
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable State Requirement:6 NYCRR Subpart 242-4

Item 77.1:

The Compliance Demonstration activity will be performed for the Facility.



Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 77.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Annual Compliance Certification Report:

(a) For each control period in which a CO₂ budget source is subject to the CO₂ requirements of subdivision 242-1.5(c) of this Part, CO₂ authorized account representative of the source shall submit to the department by March 1st following the relevant control period, a compliance certification report. The control period is a three-calendar-year time period.

(b) The compliance certification report shall include the following elements:

(1) identification of the source and each CO₂ budget unit at the source;

(2) as an option, the serial numbers of the CO₂ allowances that are to be deducted from the source's compliance account under section 242-6.5 of this Part for the control period, including the serial numbers of any CO₂ offset allowances that are to be deducted subject to the limitations of section 242-6.5(a)(3) of this Part; and

(3) the compliance certification under subdivision (c) of this section (below).

(c) In the compliance certification report the CO₂ authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the CO₂ budget units at the source in compliance with the CO₂ Budget Trading Program, whether the source and each CO₂ budget unit at the source for which the compliance certification is submitted was operated during the calendar years covered by the report in compliance with the requirements of the CO₂ Budget Trading Program, including:

(1) whether the source was operated in compliance with the CO₂ requirements of section 242-1.5(c) of this Part;

(2) whether the monitoring plan applicable to each unit at



the source has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute CO2 emissions to the unit, in accordance with Subpart 242-8 of this Part;

(3) whether all the CO2 emissions from the units at the source were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 242-8 of this Part. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(4) whether the facts that form the basis for certification under Subpart 242-8 of each monitor at each unit at the source, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 242-8 of this Part, if any, have changed; and

(5) if a change is required to be reported under paragraph (c)(4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 78: Compliance Demonstration
Effective between the dates of 11/09/2016 and 11/08/2021

Applicable State Requirement: 6 NYCRR 242-8.5

Item 78.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 78.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)



(a) General provisions. The CO₂ authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO₂ budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO₂ authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO₂ budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO_x, and SO₂ provisions.

(3) The CO₂ authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO₂ emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls

New York State Department of Environmental Conservation

Permit ID: 9-2912-00059/00013

Facility DEC ID: 9291200059



were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO2 emissions; and (iii) the CO2 concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO2 emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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