

Facility DEC ID: 3132600211

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-1326-00211/00001
Mod 0 Effective Date: 03/30/2016 Expiration Date: 03/29/2026

Mod 1 Effective Date: Expiration Date:

Permit Issued To: IROQUOIS GAS TRANSMISSION SYSTEM LP
ONE CORPORATION DR STE 600
SHELTON, CT 06484

Contact: JEFFREY A BRUNER
IROQUOIS GAS TRANSMISSION SYSTEM LP
1 CORPORATE DR STE 600
SHELTON, CT 06484-6211
(203) 925-7222

Facility: DOVER COMPRESSOR STATION
186 DOVER FURNACE RD (CO RTE 46)
DOVER PLAINS, NY 12522

Contact: CHRISTA Y FINE
IROQUOIS GAS
1 CORPORATE DR STE 600
SHELTON, CT 06484-6211
(203) 944-7037

Description:
The Iroquois Enhancement by Compression Project (“ExC Project”) includes the addition of 12,000 horsepower (“hp”) of new compression and associated facilities at the existing Iroquois Dover Compressor Station. The ExC Project is designed to provide a total of 125,000 Dekatherms per day (“Dth/d”) of incremental firm natural gas transportation service to two existing customers of Iroquois, Consolidated Edison Company of New York, Inc. (“Con Ed”) and KeySpan Gas East Corporation d/b/a National Grid (“National Grid”).

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

Permit Administrator: KAREN M GAIDASZ
NYSDEC - HEADQUARTERS
625 BROADWAY
ALBANY, NY 12233-1750

Authorized Signature: _____ Date: ___ / ___ / ___

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Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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DEC GENERAL CONDITIONS
 **** General Provisions ****
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 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 1-1.1:

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 1-1.2:

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

Item 1-1.3

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

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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 1-2: Submission of application for permit modification or renewal
-REGION 3**

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 1-2.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: IROQUOIS GAS TRANSMISSION SYSTEM LP
ONE CORPORATION DR STE 600
SHELTON, CT 06484

Facility: DOVER COMPRESSOR STATION
186 DOVER FURNACE RD (CO RTE 46)
DOVER PLAINS, NY 12522

Authorized Activity By Standard Industrial Classification Code:
4922 - NATURAL GAS TRANSMISSION

Permit Effective Date:

Permit Expiration Date:

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FEDERALLY ENFORCEABLE CONDITIONS

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NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

(a) Except as otherwise provided by this Part, construction or

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operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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

Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart

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201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

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**Condition 1-1: Acceptable Ambient Air Quality
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 200.6

Item 1-1.1:

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 1-2: Recordkeeping requirements
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 1-2.1:

(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 1-3: Open Fires - Prohibitions
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 215.2

Item 1-3.1:

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

Item 1-3.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.

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

Condition 1-4: Maintenance of Equipment
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 200.7

Item 1-4.1:

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

Condition 1-5: Recycling and Salvage
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 201-1.7

Item 1-5.1:

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

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**Condition 1-6: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 1-6.1:

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

**Condition 1-7: Exempt Sources - Proof of Eligibility
Effective for entire length of Permit**

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

Item 1-7.1:

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

**Condition 1-8: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit**

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

Item 1-8.1:

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

**Condition 1-9: Required Emissions Tests
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 1-9.1:

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

**Condition 1-10: Compliance Demonstration
Effective for entire length of Permit**

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Applicable Federal Requirement:6 NYCRR 200.6**Item 1-10.1:**

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

Emission Unit: 5-00001

Process: 002

Emission Source: 00003

Regulated Contaminant(s):

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

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator shall demonstrate compliance with the one-hour national ambient air quality standard for NO₂ by demonstrating compliance with the oxides of nitrogen (NO_x) emission limit in this condition of 11.60 lb/hr while firing pipeline quality natural gas under steady state conditions. In order to demonstrate compliance with this condition, the facility owner or operator must conduct an emissions test of the Turbine Unit A1, Siemens SGT 400s on an annual basis. This testing shall be coincident with and conducted at the same operating conditions as the performance tests required by 40 CFR 60 Subpart KKKK.

If the annual NO_x emission test results indicate that the facility is emitting less than 75% of the NO_x emission limit for the turbine described in 40 CFR 60.4320, the facility owner or operator may reduce the frequency of subsequent performance tests to once every two years (no more than 26 months from the previous performance test). If the results of any subsequent performance test exceed 75% of the NO_x emission limit for the turbine described in 40 CFR 60.4320, the facility owner or operator must resume conducting annual performance tests.

Upper Permit Limit: 11.60 pounds per hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-11: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 200.6

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Item 1-11.1:

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

Emission Unit: 5-00001

Process: 002

Emission Source: 00002

Regulated Contaminant(s):

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

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator shall demonstrate compliance with the one-hour national ambient air quality standard for NO₂ by demonstrating compliance with the oxides of nitrogen (NO_x) emission limit in this condition of 3.04 lb/hr while firing pipeline quality natural gas under steady state conditions. In order to demonstrate compliance with this condition, the facility owner or operator must conduct an emissions test of the Turbine Unit A2, Solar Model Taurus 70 on an annual basis. This testing shall be coincident with and conducted at the same operating conditions as the performance tests required by 40 CFR 60 Subpart KKKK.

If the annual NO_x emission test results indicate that the facility is emitting less than 75% of the NO_x emission limit for the turbine described in 40 CFR 60.4320, the facility owner or operator may reduce the frequency of subsequent performance tests to once every two years (no more than 26 months from the previous performance test). If the results of any subsequent performance test exceed 75% of the NO_x emission limit for the turbine described in 40 CFR 60.4320, the facility owner or operator must resume conducting annual performance tests.

Upper Permit Limit: 3.04 pounds per hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-12: Acceptable procedures
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 202-1.3

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Item 1-12.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

**Condition 1-13: Compliance Demonstration
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 203-4.5 (b)****Item 1-13.1:**

The Compliance Demonstration activity will be performed for the Facility.

Item 1-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Planned blowdowns. The owner or operator of a compressor station shall provide notification to the Department and appropriate local authorities forty eight (48) hours in advance of a planned blowdown event; the notification shall include, but not be limited to, the following information:

- (a) Location
- (b) Date
- (c) Time and duration
- (d) Contact person
- (e) Reason for blowdown
- (f) Estimated volume of release

If any of the information reported prior to the blowdown changed during or after the blowdown, another notification to the Department and appropriate local authorities shall be made with the updates no later than forty eight (48) hours after the end of the blowdown. All records associated with a blowdown shall be maintained by the owner or operator for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-14: Compliance Demonstration
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 203-4.5 (b)****Item 1-14.1:**

The Compliance Demonstration activity will be performed for the Facility.

Item 1-14.2:

Compliance Demonstration shall include the following monitoring:

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unplanned blowdowns. The owner or operator of a compressor station shall provide notification to the Department and appropriate local authorities within thirty (30) minutes of unplanned blowdown or as soon as it is safe to do so. The notification shall include, but not be limited to, the following information:

- (a) Location
- (b) Date
- (c) Time and duration
- (d) Contact person
- (e) Reason for blowdown
- (f) Estimated volume of release

All records associated with a blowdown shall be maintained by the owner or operator for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-15: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 203-7.2 (c)

Item 1-15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of natural gas transmission compressor station components that are subject to 6 NYCRR Subpart 203-4 shall be required to inspect those components in accordance with optical gas imaging (OGI), USEPA Reference Test Method 21, or similar approved alternative method:

- (1) Bimonthly, at least forty-five (45) days apart, or
- (2) One (1) time over twelve (12) months if using an approved alternative method which offers continuous monitoring.

The owners or operators these components shall submit reports upon request of the Department and maintain the records of these inspections for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

**Condition 1-16: Reporting submissions and retention requirements.
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 203-10.3

Item 1-16.1:

The owner or operator of a compressor station shall submit all required reports to both the Bureau Director, Bureau of Air Quality Planning, Division of Air Resources, 625 Broadway, Albany NY 12233, and the Regional Air Pollution Control Engineer in the corresponding Department Region in which the compressor station is located. Owners and operators of a compressor station must maintain all reports and records for at a minimum of five (5) years.

**Condition 2: Compliance Demonstration
Effective between the dates of 03/30/2016 and Permit Expiration Date**

Applicable Federal Requirement:

Expired by Mod 1

Item 2.1:

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

Emission Unit: 5-00001	Emission Point: 00001
Process: 001	Emission Source: 00001

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The Dover Compressor station shall not operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or request Method 9 visible emissions evaluation to confirm compliance.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-17: Applicability of Subpart A General Provisions
Effective for entire length of Permit****Applicable Federal Requirement:40CFR 60, NSPS Subpart A****Item 1-17.1:**

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

**Condition 3: Compliance Demonstration
Effective between the dates of 03/30/2016 and Permit Expiration Date****Applicable Federal Requirement:40CFR 60.4305, NSPS Subpart KKKK****Expired by Mod 1****Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Dover Compressor Station is subject to 40CFR 60.KKKK - Standards of Performance for Stationary Combustion Turbines for the operation of a stationary combustion turbine with a heat input at peak load equal to or greater than 10.7 gigajoules (10 MMBtu) per hour which commenced construction, modification, or reconstruction after February 18, 2005.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 4: Compliance Demonstration
Effective between the dates of 03/30/2016 and Permit Expiration Date****Applicable Federal Requirement:40CFR 60.4340(a), NSPS Subpart KKKK****Replaced by Condition(s) 1-19****Item 4.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Emission Unit: 5-00001
 Process: 001

Emission Point: 00001
 Emission Source: 00001

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

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The Dover Compressor Station must perform annual performance tests in accordance with §60.4400 to demonstrate continuous compliance. If the NOX emission result from the performance test is less than or equal to 75 percent of the NOX emission limit for the turbine, frequency of subsequent performance tests may be reduced to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NOX emission limit for the turbine, performance testing shall resume to annual.

At least 60 days prior to actual testing, the facility shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: See 40CFR 60.4400

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-18: Compliance Demonstration
 Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.4340(a), NSPS Subpart KKKK

Item 1-18.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 5-00001

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Process: 002

Emission Source: 00003

Regulated Contaminant(s):

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

Item 1-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The Dover Compressor Station must perform annual performance tests in accordance with §60.4400 to demonstrate continuous compliance. If the NOX emission result from the performance test is less than or equal to 75 percent of the NOX emission limit for the turbine, frequency of subsequent performance tests may be reduced to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NOX emission limit for the turbine, performance testing shall resume to annual.

At least 60 days prior to actual testing, the facility shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: See 40 CFR 60.4400

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-19: Compliance Demonstration
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.4340(a), NSPS Subpart KKKK

Replaces Condition(s) 4

Item 1-19.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 5-00001

Process: 002

Emission Source: 00002

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Regulated Contaminant(s):

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

Item 1-19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The Dover Compressor Station must perform annual performance tests in accordance with §60.4400 to demonstrate continuous compliance. If the NOX emission result from the performance test is less than or equal to 75 percent of the NOX emission limit for the turbine, frequency of subsequent performance tests may be reduced to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NOX emission limit for the turbine, performance testing shall resume to annual.

At least 60 days prior to actual testing, the facility shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

Parameter Monitored: OXIDES OF NITROGEN

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

Reference Test Method: See 40 CFR 60.4400

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-20: Compliance Demonstration
Effective for entire length of Permit****Applicable Federal Requirement: 40CFR 60.5415a(h), NSPS Subpart OOOOa****Item 1-20.1:**

The Compliance Demonstration activity will be performed for the Facility.

Item 1-20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each collection of fugitive emissions components at a well site
and each collection of fugitive emissions components at a compressor

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

station, the facility owner or operator must demonstrate continuous compliance with the fugitive emission standards specified in 40 CFR 60.5397a according to paragraphs (1) through (4) below.

- (1) Conduct periodic monitoring surveys as required in 40 CFR 60.5397a(g).
- (2) Repair or replace each identified source of fugitive emissions as required in 40 CFR 60.5397a(h).
- (3) Maintain records as specified in 40 CFR 60.5420a(c)(15).
- (4) Submit annual reports for collection of fugitive emissions components at a well site and each collection of fugitive emissions components at a compressor station as required in 40 CFR 60.5420a(b)(1) and (7).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

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

Condition 1-21: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.4330, NSPS Subpart KKKK

Item 1-21.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: 5-00001

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

Item 1-21.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
 Monitoring Description:

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

Parameter Monitored: SULFUR DIOXIDE
 Upper Permit Limit: 0.060 pounds per million Btus

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
 Averaging Method: Arithmetic average of stack test runs
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 12 calendar month(s).

Condition 1-22: Compliance Demonstration
Effective for entire length of Permit

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

Item 1-22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 5-00001

Process: 002

Emission Source: 00002

Regulated Contaminant(s):

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

Item 1-22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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

Parameter Monitored: OXIDES OF NITROGEN

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

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

Monitoring Frequency: ANNUALLY

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-23: Compliance Demonstration
Effective for entire length of Permit

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

Item 1-23.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Emission Unit: 5-00001

Process: 002

Emission Source: 00003

Regulated Contaminant(s):

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

Item 1-23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For a facility with a modified or reconstructed turbine that fires natural gas and has a heat input at peak load (HHV) greater than 50 mmBtu/hr but less than or equal to 850 mmBtu/hr, the facility must not exceed the NOx emission standard of 42 ppm at 15% O2.

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

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 42 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: EPA Method 7E or Met

Monitoring Frequency: ANNUALLY

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-24: Compliance Demonstration
Effective for entire length of Permit**

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

Item 1-24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 5-00001

Process: 002

Emission Point: 00003

Emission Source: 00003

Item 1-24.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary combustion installation subject to this Subpart shall operate an emission source which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9 test annually.

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A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60, Appendix A, Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

DRAFT

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

STATE ONLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

- (1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
- (2) the equipment at the facility was being properly operated and maintained;
- (3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 6: Contaminant List
Effective between the dates of 03/30/2016 and Permit Expiration Date**Applicable State Requirement: ECL 19-0301****Item 6.1:**

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

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

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

Condition 1-25: Malfunctions and Start-up/Shutdown Activities
Effective for entire length of Permit**Applicable State Requirement: 6 NYCRR 201-1.4****Item 1-25.1:**

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

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

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

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

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

Condition 8: Emission Unit Definition
Effective between the dates of 03/30/2016 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 8.1(From Mod 1):

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

Emission Unit: 5-00001

Emission Unit Description:

The entire natural gas pipeline compressor station is the "emission unit". It includes a single existing, natural gas-fired simple-cycle combustion turbine and compression facilities to boost natural gas pressure in the pipeline for delivery to customers. The proposed project would add a second approximately 12,000 horsepower (HP) maximum rated simple-cycle low NO_x natural gas fueled combustion turbine with an oxidation catalyst to drive a second natural gas

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pipeline compressor.

The project also would replace the existing permit-exempt 750 HP reciprocating, natural gas-fired, emergency generator engine with a similar new permit-exempt lean burn EPA-certified approximately 1,500 HP emergency engine with CO oxidation catalyst. The facility would maintain two existing small natural gas combustion sources (heaters) that are exempt from air permitting (i.e., less than 10 million Btus/Hour fuel input rating).

Building(s): 36
8

Condition 1-26: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6 NYCRR 201-5.3 (c)

Item 1-26.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall commence installation of a vent recovery system designed to capture methane emissions from planned blowdowns and dry compressor seal leakage at the facility at the time that it installs the turbine at the compressor station.

Following the completion of construction, the facility owner or operator shall operate and maintain the vent recovery system in accordance with manufacturer's specifications and good engineering practices.

The facility owner or operator shall maintain records indicating all routine maintenance activities and corrective actions completed on the vent recovery system for a period of at least five years from the date of the record. Such records must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**** Emission Unit Level ****

Condition 12: Emission Point Definition By Emission Unit
Effective between the dates of 03/30/2016 and Permit Expiration Date

Permit ID: 3-1326-00211/00001

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Applicable State Requirement:6 NYCRR Subpart 201-5

Item 12.1(From Mod 1):

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

Emission Unit: 5-00001

Emission Point: 00002

Height (ft.): 69 Diameter (in.): 72
 NYTMN (km.): 4616.009 NYTME (km.): 617.615 Building: 36

Emission Point: 00003

Height (ft.): 50 Length (in.): 174 Width (in.): 144
 NYTMN (km.): 4616.009 NYTME (km.): 617.615 Building: 8

Emission Point: 00001

Removal Date: 12/27/2022

Height (ft.): 50 Diameter (in.): 72
 NYTMN (km.): 4616.009 NYTME (km.): 617.615 Building: 1

Condition 13: Process Definition By Emission Unit
Effective between the dates of 03/30/2016 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 13.1(From Mod 1):

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

Emission Unit: 5-00001

Process: 002 Source Classification Code: 2-02-002-01

Process Description:

The process involves two simple-cycle natural gas-fueled low NOx combustion turbines to drive natural gas pipeline compressors.

Emission Source/Control: 00002 - Combustion

Design Capacity: 85 million Btu per hour

Emission Source/Control: 00003 - Combustion

Design Capacity: 145 million Btu per hour

Item 13.2(From Mod 0):

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

Emission Unit: 5-00001

Process: 001 Source Classification Code: 2-02-002-01

Process End Date: 11/14/2022

Process Description: Natural gas used to fire a simple cycle turbine.

Emission Source/Control: 00001 - Combustion

Design Capacity: 129 million Btu per hour

Condition 1-27: Compliance Demonstration

Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

Effective for entire length of Permit

Applicable State Requirement: 6 NYCRR 201-5.3 (c)

Item 1-27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 5-00001

Process: 002

Emission Source: 00002

Item 1-27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility owner or operator shall limit the amount of natural gas fired in the emission source specified above to 91.5% of its design maximum based on the higher heating value at the worst-case full load conditions assumed to estimate potential emissions. Compliance with this limit shall be demonstrated using a rolling 12-month total of the facility’s natural gas usage, as measured using a continuous fuel flow meter.

In the event of a declared emergency or other unforeseen circumstance that could cause the facility owner or operator to exceed this limit, the facility owner or operator shall notify the Department of the possible exceedence as soon as practicable, but no later than two calendar days following the event. Each notification shall describe the cause of the event and the anticipated duration of the exceedence.

The facility owner or operator shall maintain a record of each monthly and rolling 12-month total natural gas usage calculation performed to demonstrate compliance with this condition. Such records shall include all data necessary to perform the calculations. In addition, the facility owner or operator shall maintain a record of each exceedence of this limit as described above and each notification made to the Department.

All records kept pursuant to this condition must be maintained at the facility for a period of at least five years from the date of the record and must be made available to the Department upon request.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 655 million standard cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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Facility DEC ID: 3132600211

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Permit ID: 3-1326-00211/00001

Facility DEC ID: 3132600211

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