

Facility DEC ID: 6232000026

**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2320-00026/00007  
Effective Date: Expiration Date:

Permit Issued To: IROQUOIS GAS TRANSMISSION SYSTEM, L.P.  
ONE CORPORATE DR STE 600  
SHELTON, CT 06484

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

Facility: CROGHAN COMPRESSOR STATION  
OLD STATE RD  
Croghan, NY 13327

Description:  
This Air State Facility (ASF) Permit renewal is issued pursuant to Article 19 (Air Pollution Control) of the Environmental Conservation Law. This facility is located at Old State Rd, Croghan, NY, 13327.

The facility is an existing natural gas pipeline compressor station that includes two turbines and compression facilities to boost natural gas pressure in Iroquois natural gas pipeline system to deliver natural gas to its customers. The Standard Industrial Classification (SIC) representatives of this facility are 4922 (Natural Gas Transmission) and 4923 (Gas Transmission and Distribution).

The ASF permit allows the operations of emission unit 2-00001. This unit consists of one (1) one 7,000 hp and one (1) 10,000 hp turbine to boost natural gas pressure in Iroquois natural gas pipeline system to deliver natural gas to its customers.

Along with New York State's air quality regulations, the facility is also subject to the Federal requirements listed in 40 CFR 60: Subpart GG – Standards of Performance for Stationary Gas Turbines Combustion Engines and 40 CFR 63: Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The permit contains federally enforceable emission caps for oxides of nitrogen (NOx) and Carbon Monoxide (CO) to remain below major source applicability threshold. Pursuant to the requirements of Section 7(2) of the Climate Leadership and Community Protection Act (CLCPA), the Department has requested and received information regarding the project's consistency with the CLCPA.

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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:           MIRANDA M GILGORE  
  NYSDEC - REGION 6  
  317 WASHINGTON ST  
  WATERTOWN, NY 13601

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 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.

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**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 6 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 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

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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, L.P.  
ONE CORPORATE DR STE 600  
SHELTON, CT 06484

Facility: CROGHAN COMPRESSOR STATION  
OLD STATE RD  
Croghan, NY 13327

Authorized Activity By Standard Industrial Classification Code:  
4922 - NATURAL GAS TRANSMISSION  
4923 - GAS TRANSMISSION AND DISTRIBUTION

Permit Effective Date:

Permit Expiration Date:

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- 12 6 6 NYCRR 202-1.2: Notification
- 13 7 6 NYCRR 202-1.3: Acceptable procedures
- 13 8 6 NYCRR 203-4.5 (b): Compliance Demonstration
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- 16 13 6 NYCRR 211.2: Visible Emissions Limited
- 16 14 6 NYCRR 227-1.4 (a): Compliance Demonstration
- 17 15 40CFR 60.334(h)(1), NSPS Subpart GG: Compliance Demonstration
- 17 16 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Demonstration
- 18 17 40CFR 60.334(i)(2), NSPS Subpart GG: Compliance Demonstration
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**EU=2-00001,EP=00002,Proc=001,ES=00002**

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- 28 29 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
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NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

Renewal 2/DRAFT

\*\*\*\* Facility Level \*\*\*\*

**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,

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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 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**

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**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 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)**

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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.**

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

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 1.1:**

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

**Condition 2: Facility Permissible Emissions**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 2.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0	PTE: 198,000 pounds per year
Name: CARBON MONOXIDE	

CAS No: 0NY210-00-0	PTE: 198,000 pounds per year
Name: OXIDES OF NITROGEN	

**Condition 3: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

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**Item 3.1:**

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

6 NYCRR Subpart 201-6

**Item 3.2:**

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

**Item 3.3:**

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

**Item 3.4:**

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

**Item 3.5:**

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

**Item 3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 000630-08-0	CARBON MONOXIDE

**Item 3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall track and record all hours of operation for each turbine (Emission Source (ES): 00001 and 00002). For ES 00001, hours of operation shall be recorded separately for periods when the turbine inlet temperature (ambient temperature) is below and above 32°F. For ES 00002, hours of operation shall be recorded separately for periods when the turbine inlet temperature

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(ambient temperature) is below and above 0°F. The hours of operations shall be used in the emissions calculations to demonstrate compliance with the facility’s emission capping limits.

Monitoring Frequency: DAILY  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 4: Capping Monitoring Condition  
 Effective for entire length of Permit**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 4.1:**

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

6 NYCRR Subpart 201-6

**Item 4.2:**

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

**Item 4.3:**

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

**Item 4.4:**

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

**Item 4.5:**

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

**Item 4.6:**

The Compliance Demonstration activity will be performed for the Facility.

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

Permit ID: 6-2320-00026/00007

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**Item 4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall limit emissions of Oxides of Nitrogen (NOx) to no more than 99 tons during any consecutive 12-month period.

The facility shall use the actual hours of operation for each turbine when calculating monthly NOx emissions. NOx emissions shall be calculated using the following manufacturer-provided emission factors:

Emission Source (ES) 00001: 8.9 lbs/hr

ES 00002: 45.10 lbs/hr when the turbine inlet temperature is at or below 0°F; 7.59 lbs/hr when the inlet temperature is above 0°F.

Alternative emission factors may only be used with Department approval.

The NOx emissions for each turbine shall be totaled to obtain the facility’s total monthly emissions. The most recent calculated monthly NOx emission rate shall be added to the cumulative total of the previous 11 months to calculate the 12-month rolling NOx emission rate. Any noncompliance with the NOx emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence. The facility shall maintain records of NOx emissions, including hours of operation for each turbine, the emission factors used, and any other supporting data used to calculate the NOx emissions, for a minimum period of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 99 tons per year

Reference Test Method: EPA Method 7

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 5: Capping Monitoring Condition**

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**Effective for entire length of Permit****Applicable Federal Requirement: 6 NYCRR Subpart 201-7****Item 5.1:**

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

6 NYCRR Subpart 201-6

**Item 5.2:**

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

**Item 5.3:**

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

**Item 5.4:**

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

**Item 5.5:**

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

**Item 5.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 5.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall limit emissions of Carbon Monoxide (CO) to no more than 99 tons during any consecutive 12-month period.

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The facility shall use the actual hours of operation for each turbine when calculating monthly CO emissions. CO emissions shall be calculated using the following manufacturer-provided emission factors:

Emission Source (ES) 00001: 16.65 lbs/hr when the turbine inlet temperature is at or below 32°F and 6.58 lbs/hr when the turbine inlet temperature is above 32°F.

ES 00002: 34.30 lbs/hr when the turbine inlet temperature is at or below 0°F and 9.24 lbs/hr when the inlet temperature is above 0°F.

Alternative emission factors may be used only if approved by the Department.

The CO emissions for each turbine shall be totaled to obtain the facility's total monthly emissions. The most recent calculated monthly CO emission rate shall be added to the cumulative total of the previous 11 months to calculate the 12-month rolling CO emission rate. Any noncompliance with the CO emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence. The facility shall maintain records of CO emissions, including hours of operation for each turbine, the emission factors used, and any other supporting data used to calculate the CO emissions for a minimum period of five years.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 99 tons per year

Reference Test Method: EPA Method 10

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 6: Notification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6 NYCRR 202-1.2**

**Item 6.1:**

A person who is required by the Department to submit a stack test report shall notify the Department, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow a representative of the Department free access to observe stack testing being conducted by such person.

**Condition 7: Acceptable procedures**

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**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 202-1.3**

**Item 7.1:**

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 8: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 203-4.5 (b)**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 8.2:**

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 9: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 203-4.5 (b)**

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**Item 9.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

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 10: Compliance Demonstration  
Effective for entire length of Permit**

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

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 10.2:**

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

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(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

**Condition 11: Compressor station leak repair requirements.  
Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 203-7.3**

**Item 11.1: The following procedures shall be implemented for the repair of leaks at a compressor station:**

(a) Upon detection of a leak from any equipment or component subject to this Part, the owner or operator shall affix to that component a weatherproof, readily visible tag that identifies the date and time of leak detection. The tag shall remain affixed to the component until the following conditions are met:

(1) The leaking component has been successfully repaired or replaced; and,  
(2) The component has been re-inspected utilizing one of the methods specified in 6 NYCRR Subpart 203-7.

(b) The owner or operator shall maintain for at least five (5) years, and make available upon request by the Department, a record of leaks identified and shall report to the Department within sixty (60) days after repair and re-inspection as defined in 6 NYCRR 203-7.3(d) is complete. Records shall include the date that the leak was detected, location of the leak, the date that the leak was repaired and any delays that occurred.

(c) Leaks shall be repaired within thirty (30) days of identification unless one of the conditions of 6 NYCRR 203-7(f) apply.

(d) Repaired leaks shall be re-inspected using the methods specified in 6 NYCRR 203-7 within fifteen (15) days of repair.

(e) Critical components or critical process units shall be successfully repaired by the end of the next process shutdown or within twelve (12) months from the date of initial leak detection, whichever is sooner.

**Condition 12: Reporting submissions and retention requirements.  
Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 203-10.3**

Permit ID: 6-2320-00026/00007

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**Item 12.1:**

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 13: Visible Emissions Limited  
Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 13.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 14: Compliance Demonstration  
Effective for entire length of Permit**

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

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 14.2:**

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, at an Air State facility subject to this Subpart which is permitted to fire a combination of natural gas, oil, and/or solid fuels, 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 shall conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

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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: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 Subsequent reports are due every 12 calendar month(s).

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

**Applicable Federal Requirement: 40CFR 60.334(h)(1), NSPS Subpart GG**

**Item 15.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The owner or operator of any stationary gas turbine subject to the provisions of Subpart GG shall monitor the total sulfur content of the fuel being fired in the turbine, except as provided in paragraph (h)(3) of 40 CFR 60.334. The sulfur content of the fuel must be determined using total sulfur methods described in §60.335(b)(10). Alternatively, if the total sulfur content of the gaseous fuel during the most recent performance test was less than 0.4 weight percent (4000 ppmw), ASTM D4084-82, 94, D5504-01, D6228-98, or Gas Processors Association Standard 2377-86 (all of which are incorporated by reference-see §60.17), which measure the major sulfur compounds may be used.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NATURAL GAS

Parameter Monitored: SULFUR

Upper Permit Limit: 0.8 percent by weight

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 16: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.334(h)(3), NSPS Subpart GG**

**Item 16.1:**

The Compliance Demonstration activity will be performed for the Facility.

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Notwithstanding the provisions of paragraph (h)(1) of 40 CFR 60.334(h), the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in §60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR part 75 of this chapter is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 17: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.334(i)(2), NSPS Subpart GG**

**Item 17.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The frequency of determining the sulfur and nitrogen content of the fuel shall be as follows: any applicable nitrogen content value of the gaseous fuel shall be determined and recorded once per unit operating day. For owners and operators that elect not to demonstrate sulfur

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content using options in paragraph (h)(3) of 40 CFR 60.334, and for which the fuel is supplied without intermediate bulk storage, the sulfur content value of the gaseous fuel shall be determined and recorded once per unit operating day.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Frequency of Monitoring - Custom Schedule  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.334(i)(3), NSPS Subpart GG**

**Item 18.1:**

Notwithstanding the requirements of paragraph (i)(2) of 40 CFR 60.334, operators or fuel vendors may develop custom schedules for determination of the total sulfur content of gaseous fuels, based on the design and operation of the affected facility and the characteristics of the fuel supply. Except as provided in paragraphs (i)(3)(i) and (i)(3)(ii) of 40 CFR 60.334, custom schedules shall be substantiated with data and shall be approved by the Administrator before they can be used to comply with the standard in §60.333. The two custom sulfur monitoring schedules set forth in paragraphs (i)(3)(i)(A) through (D) and in paragraph (i)(3)(ii) of 40 CFR 60.334 are acceptable, without prior Administrative approval.

**Condition 19: Applicability  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ**

**Item 19.1:**

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 Subpart ZZZZ.

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

**Condition 20: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 20.1:**

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

Emission Unit: 2-00001  
Process: 001

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

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026

**Item 20.2:**

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 gas turbine subject to 40CFR60 Subpart GG shall burn in that turbine any fuel which contains sulfur in excess of 0.8 percent by weight. The owner or operator shall monitor sulfur content of the fuel being fired in the turbine according to the frequency specified in 40CFR60.334(i).

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 21: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.332(a)(2), NSPS Subpart GG**

**Item 21.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 2-00001

Process: 001

Emission Source: 00001

Emission Unit: 2-00001

Process: 001

Emission Source: 00002

Regulated Contaminant(s):

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

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall discharge to the atmosphere from a stationary gas turbine, emissions of nitrogen oxides in excess of the following:

$$STD = 0.0150 * [(14.4) / Y] + F$$

Permit ID: 6-2320-00026/00007

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Where: STD = allowable nitrogen oxide emissions in percent volume at 15% excess oxygen on a dry basis,

Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour) or the actual measured heat rate based on the lower heating value of the fuel as measured at actual peak load of the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

Fuel bound nitrogen % by weight, where F equals NOx % by volume

$N \leq 0.015 : F = 0$

$0.015 < N \leq 0.1 : 0.04(N)$

$0.1 < N \leq 0.25 : 0.004 + 0.0067(N - 0.1)$

$N > 0.25 : 0.005$

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 150 parts per million by volume  
(dry, corrected to 15% O2)

Reference Test Method: EPA RM 20

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 22: Capping Monitoring Condition  
Effective for entire length of Permit**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 22.1:**

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

6 NYCRR Subpart 201-6

**Item 22.2:**

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

**Item 22.3:**

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



Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026

Process: 001

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall perform stack testing of Emission Source 00002 for Carbon Monoxide (CO) emission. This emission limit applies to CO emission for 0 degrees Fahrenheit and above. The facility shall submit a test protocol to the Department for review and approval at least 30 days prior to the test date. A complete stack test report shall be submitted to the Department within 60 days after completion of testing. The facility shall maintain the stack test report for a minimum of 10 years and make it available to the Department upon request.

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE EVERY TEN YEARS

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001

Emission Point: 00002

Process: 001

Emission Source: 00002

Regulated Contaminant(s):

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

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall perform stack testing of Emission Source 00002 for Oxides of Nitrogen (NOx) emission. This emission limit applies to NOx emission for 0 degrees Fahrenheit and above. The facility shall submit a test protocol to the Department for review and approval at least 30 days prior to the test date. A complete stack

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test report shall be submitted to the Department within 60 days after completion of testing. The facility shall maintain the stack test report for a minimum of 10 years and make it available to the Department upon request.

Upper Permit Limit: 0.10 pounds per million Btus  
 Reference Test Method: EPA Method 7  
 Monitoring Frequency: ONCE EVERY TEN YEARS  
 Averaging Method: Arithmetic average of stack test runs  
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 25: Compliance Demonstration  
 Effective for entire length of Permit**

**Applicable Federal Requirement: 6 NYCRR 202-1.1**

**Item 25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00001	Emission Point: 00002
Process: 001	Emission Source: 00002

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

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility shall perform stack testing of Emission Source 00002 for Volatile Organic Compounds (VOC) emissions. The facility shall submit a test protocol to the Department for review and approval at least 30 days prior to the test date. A complete stack test report shall be submitted to the Department within 60 days after completion of testing. The facility shall maintain the stack test report for a minimum of 10 years and make it available to the Department upon request.

Upper Permit Limit: 0.0053 pounds per million Btus  
 Reference Test Method: EPA Method 25  
 Monitoring Frequency: ONCE EVERY TEN YEARS  
 Averaging Method: Arithmetic average of stack test runs  
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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Facility DEC ID: 6232000026

**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

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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.

**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 26: Contaminant List  
 Effective for entire length of Permit**

**Applicable State Requirement: ECL 19-0301**

**Item 26.1:**

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

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

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

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

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026

CAS No: 0NY998-00-0

Name: VOC

**Condition 27: Malfunctions and Start-up/Shutdown Activities  
Effective for entire length of Permit****Applicable State Requirement: 6 NYCRR 201-1.4****Item 27.1:**

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

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

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

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

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

**Condition 28: Emission Unit Definition  
Effective for entire length of Permit**

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Facility DEC ID: 6232000026

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 28.1:**

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

Emission Unit: 2-00001

Emission Unit Description:

The existing natural gas pipeline compressor station includes two turbines and compression facilities to boost natural gas pressure in Iroquois natural gas pipeline systems to deliver natural gas to its customers. The facility includes a 7,000 hp (57 MMBtu/hr heat input rate) and a 10,000 hp (93 MMBtu/hr heat input rate) simple cycle natural gas turbines. There are also an emergency generator and other small combustion sources (heaters) that are exempt from permitting. The only emission points requiring permits are the two turbines.

Building(s): 1  
2

**Condition 29: Renewal deadlines for state facility permits  
Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 29.1:**

The owner or operator of a facility having an issued state facility 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.

**Condition 30: Compliance Demonstration  
Effective for entire length of Permit**

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

**Item 30.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 6  
State Office Building

Permit ID: 6-2320-00026/00007

Facility DEC ID: 6232000026

317 Washington Ave.  
Watertown, NY 13601

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 31: Air pollution prohibited**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 31.1:**

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.

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

**Condition 32: Emission Point Definition By Emission Unit**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 32.1:**

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

Emission Unit: 2-00001

Emission Point: 00001

Height (ft.): 52	Diameter (in.): 80	
NYTMN (km.): 4864.7	NYTME (km.): 471.3	Building: 1

Emission Point: 00002

Height (ft.): 52	Diameter (in.): 54	
NYTMN (km.): 4864.7	NYTME (km.): 471.3	Building: 2

**Condition 33: Process Definition By Emission Unit**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 33.1:**

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

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Emission Unit: 2-00001

Process: 001

Source Classification Code: 2-02-002-01

Process Description:

The process involves the two simple cycle natural gas fueled turbines to be used to drive natural gas pipeline compressors.

Emission Source/Control: 00001 - Combustion

Design Capacity: 57 million Btu per hour

Emission Source/Control: 00002 - Combustion

Design Capacity: 93 million Btu per hour

**Permit ID: 6-2320-00026/00007**

**Facility DEC ID: 6232000026**