

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 8463200018**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 8-4632-00018/00013  
Effective Date: 02/17/2000                      Expiration Date: No expiration date

Permit Issued To: STEUBEN GAS STORAGE CO  
500 RENAISSANCE CENTER  
DETROIT, MI 48243-1902

Facility: ADRIAN COMPRESSOR STATION  
4979 DOWNS RD  
CANISTEO, NY 14823

Contact: LILLIAN WOOLEY  
ANR PIPELINE  
500 RENAISSANCE CENTER  
DETROIT, MI 48243  
(313) 496-3112

**Description:**

The permit is for the installation of a new 3300HP natural gas -fueled reciprocating compressor engine (Emission Unit ID. E-ENG03) that will be used to compress natural gas for injection into or withdrawal from the new Thomas Corners Natural Gas Storage Field, which is located approximately six miles northeast of the Adrian Compressor Station. Existing air contaminant emission sources located at the Adrian Compressor Station include two 1642 HP compressor engines and a glycol dehydration system. Prior to the installation of the new compressor engine, the potential air contaminant emissions from the Adrian Compressor facility will be below the criteria for identifying the facility as a major stationary source. After the new compressor is installed, the facility's potential to emit for carbon monoxide (CO), nitrogen oxides (NOx), and volatile organic compounds (VOC) will exceed the thresholds for a major stationary source. As a major stationary source, a Title V Facility Permit will need to be obtained for the facility and the application for this permit is to be submitted within 12 months from the time the new compressor engine begins to be operated. In addition, because the facility's potential for NOx emissions is over 100 TPY, the facility is subject to the RACT regulations for at 6NYCRR Part 227-2. Subsequent to the installation of the new compressor, all three compressor engines will be tested at rated capacity to show compliance with the 3 g/hp-hr NOx limit. The new compressor station project is not applicable to the state and federal New Source Review regulations, 6 NYCRR Part 231 and 40CFR 52.21 (Prevention of Significant Deterioration -PSD). After the installation of the new compressor, any new projects which increase the facility's potential to emit for NOx or VOC will need to be reviewed for Part 231 applicability. Even after the installation of the new compressor station the facility will not be subject to PSD because none of the facility contaminants equal or exceed the 250 ton per year potential to emit PSD applicability threshold.

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FINAL



**New York State Department of Environmental Conservation**  
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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:            PETER A LENT  
   DIVISION OF ENVIRONMENTAL PERMITS  
   6274 EAST AVON LIMA RD  
   AVON, NY 14414-9519

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 8  
HEADQUARTERS



**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 and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

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**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 8 Headquarters  
Division of Environmental Permits  
6274 Avon-Lima Road  
Avon, NY 14414-9519  
(716) 226-2466



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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: STEUBEN GAS STORAGE CO  
500 RENAISSANCE CENTER  
DETROIT, MI 48243-1902

Facility: ADRIAN COMPRESSOR STATION  
4979 DOWNS RD  
CANISTEO, NY 14823

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

Permit Effective Date: 02/17/2000

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected  
Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 202-1.1: Required emissions tests
- 13 6NYCRR 211.3: Visible emissions limited.
- 14 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 15 40CFR 82, Subpart F: Recycling and Emissions Reduction

**Emission Unit Level**

**EU=E-ENG03,EP=STK03,Proc=GAS,ES=ENG03**

- 16 6NYCRR 227-1.3(a): Compliance Demonstration
- 17 6NYCRR 227-2.4(f)(2): Compliance Demonstration
- 18 6NYCRR 227-2.4(f)(2): Compliance Demonstration
- 19 6NYCRR 227-2.6(a)(7): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 20 6NYCRR 201-5: General Provisions
- 21 6NYCRR 201-5: Emission Unit Definition
- 22 6NYCRR 201-5.3(b): Contaminant List
- 23 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 24 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 25 6NYCRR 201-5: Process Definition By Emission Unit



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**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 1: Sealing**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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 3: Maintenance of equipment**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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.

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**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.4**

**Item 5.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate



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of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

**Condition 6: Emergency Defense**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

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

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

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

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

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

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 7.1:**

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.

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

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 9: Public Access to Recordkeeping**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.10(a)**

**Item 9.1:**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Condition 10: Proof of Eligibility**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 10.1:**

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.

**Condition 11: Proof of Eligibility**



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

**Item 11.1:**

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.

**Condition 12: Required emissions tests**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 12.1:**

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 6NYCRR Part 202-1.

**Condition 13: Visible emissions limited.**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**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: Open Fires Prohibited at Industrial and Commercial Sites**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 14.1:**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Condition 15: Recycling and Emissions Reduction**



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**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Item 15.1:**

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

**Condition 16: Compliance Demonstration**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-ENG03    Emission Point: STK03  
Process: GAS                      Emission Source: ENG03

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:



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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-ENG03 Emission Point: STK03

Process: GAS Emission Source: ENG03

Regulated Contaminant(s):

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

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn internal combustion engine which fires gas only. Stack testing is required in order to demonstrate compliance with the regulatory standard.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.0 grams per brake horsepower-hour

Reference Test Method: Method 7, 7e, or 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)**

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**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-ENG03    Emission Point: STK03  
Process: GAS                      Emission Source: ENG03

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

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To ensure that the unit runs at optimum conditions and stays in compliance with the NOx RACT emission limit, periodic maintenance will be performed in accordance with manufacturer's specifications. These specific procedures are outlined in the manufacturer's specification manual for the unit. Other components of the periodic maintenance program for the unit include those actions necessitated by the results of monitoring the following data: diagnostic data obtained after a set number of operating hours, engine oil analysis, and fuel consumption versus power output of the unit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: Compliance Demonstration**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.6(a)(7)**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-ENG03    Emission Point: STK03  
Process: GAS                      Emission Source: ENG03

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

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner/operator of this internal combustion engine shall perform an initial compliance stack test. A test protocol shall be submitted for approval at least 90 days prior to testing. Testing procedures shall be those set for in 40CFR60 Appendix A, or any other methods acceptable to the Department and the USEPA for determining compliance with the appropriate NOx limit set forth in section 227-2.4. Testing procedures shall also comply with subpart 202-1.

Parameter Monitored: OXIDES OF NITROGEN

Lower Permit Limit: 1.0 grams per brake horsepower-hour

Upper Permit Limit: 3.0 grams per brake horsepower-hour

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 20: General Provisions**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 20.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 20.2:**

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.

**Item 20.3:**

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.

**Condition 21: Emission Unit Definition**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 21.1:**

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

Emission Unit: E-ENG03

Emission Unit Description:

STEUBEN PROPOSES TO INSTALL A 3300 HP  
RECIPROCATING COMPRESSOR ENGINE TO SERVICE  
THE THOMAS CORNERS STORAGE FIELD.

Building(s): BLDG2

**Condition 22: Contaminant List**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**New York State Department of Environmental Conservation**

**Permit ID: 8-4632-00018/00013**

**Facility DEC ID: 8463200018**



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

**Item 22.1:**

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 23: Air pollution prohibited**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 23.1:**

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 24: Emission Point Definition By Emission Unit**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 24.1:**

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

Emission Unit: E-ENG03

Emission Point: STK03

Height (ft.): 15

Diameter (in.): 12

Building: BLDG2

**Condition 25: Process Definition By Emission Unit**

**Effective between the dates of 02/17/2000 and Permit Expiration Date**

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

**Item 25.1:**

**New York State Department of Environmental Conservation**

**Permit ID: 8-4632-00018/00013**

**Facility DEC ID: 8463200018**



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

Emission Unit: E-ENG03

Process: GAS

Source Classification Code: 2-02-002-02

Process Description:

3300 horsepower compressor engine firing natural gas.

Emission Source/Control: ENG03 - Combustion

Design Capacity: 3,300 horsepower (mechanical)