

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 4102600037**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 4-1026-00037/00029  
Effective Date: 03/09/2007 Expiration Date: 03/08/2012

Permit Issued To: TENNESSEE GAS PIPELINE COMPANY  
1001 LOUISIANA ST  
PO BOX 2511  
HOUSTON, TX 77002

Contact: RAVINDRA KURA  
TENNESSEE GAS PIPELINE CO  
PO BOX 2511  
HOUSTON, TX 77252-2511

Facility: COMPRESSOR STATION 254  
ST RTE 66 - E SIDE - S OF COUNTY LINE  
RIDERS MILLS, NY 12123-0369

Contact: STEVE MORAWSKI  
TENNESSEE GAS PIPELINE  
8 ANNGINA DR  
ENFIELD, CT 06082  
(860) 763-6012

Description:  
This permit is Title 5 Renewal for Compressor Station 254 located in Columbia County.

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: MICHAEL T HIGGINS  
DIVISION OF ENVIRONMENTAL PERMITS  
1130 N WESTCOTT RD  
SCHENECTADY, NY 12306-2014

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, modifications and transfers  
Applications for Permit Renewals and Modifications  
Permit modifications, suspensions or revocations by the Department  
Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 4  
HEADQUARTERS  
Submission of application for permit modification or renewal-REGION 4  
HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6NYCRR 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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Item 3.3:**



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

**Condition 4: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 4.1:**

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 4.2:**

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.

**Item 4.3:**

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

**Condition 5: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 5.1:**

The Department reserves the right 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.

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

**Item 6.1:**

The Department reserves the right 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;

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- 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 7: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 7.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1150 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069

**Condition 8: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 8.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1130 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: TENNESSEE GAS PIPELINE COMPANY  
1001 LOUISIANA ST  
PO BOX 2511  
HOUSTON, TX 77002

Facility: COMPRESSOR STATION 254  
ST RTE 66 - E SIDE - S OF COUNTY LINE  
RIDERS MILLS, NY 12123-0369

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

Permit Effective Date: 03/09/2007

Permit Expiration Date: 03/08/2012



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 22 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 13 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 14 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 15 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 16 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 17 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 18 6NYCRR 202-1.1: Required Emissions Tests
- 19 6NYCRR 211.3: Visible Emissions Limited
- 20 40CFR 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition

**Emission Unit Level**

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

**EU=R-25401**

- 26 6NYCRR 227-1.3(a): Compliance Certification
- 27 6NYCRR 227-2.5(c): Compliance Certification
- 28 6NYCRR 227-2.5(c): Compliance Certification
- 29 40CFR 63.6590(b)(3), Subpart ZZZZ: Compliance Certification

**EU=T-25401**

- 30 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 31 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 32 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 33 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.



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- 34 40CFR 60.9, NSPS Subpart A: Availability of information.
- 35 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 36 40CFR 60.12, NSPS Subpart A: Circumvention.
- 37 40CFR 60.4320(a), NSPS Subpart KKKK: Compliance Certification
- 38 40CFR 60.4340(a), NSPS Subpart KKKK: Compliance Certification
- 39 40CFR 60.4375(b), NSPS Subpart KKKK: Compliance Certification
- 40 40CFR 60.4400(b), NSPS Subpart KKKK: NOx performance testing methodology

**EU=T-25401,Proc=TUR**

- 41 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 42 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 43 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 44 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 45 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 46 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 47 40CFR 60.14, NSPS Subpart A: Modifications.
- 48 40CFR 60.15, NSPS Subpart A: Reconstruction.

**EU=T-25401,Proc=TUR,ES=OT008**

- 49 6NYCRR 227-2.4(e)(1): Compliance Certification

**EU=T-25401,EP=T0008**

- 50 40CFR 60.7(c), NSPS Subpart A: Compliance Certification

**EU=T-25401,EP=T0008,Proc=TUR**

- 51 40CFR 60.4340, NSPS Subpart KKKK: Compliance Certification

**EU=T-25401,EP=T0008,Proc=TUR,ES=OT008**

- 52 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 53 ECL 19-0301: Contaminant List
- 54 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 55 6NYCRR 211.2: Air pollution prohibited



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Emergency Defense - 6NYCRR Part 201-1.5**

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.

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

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to



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Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**

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

**Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**

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

**Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**

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

**Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in

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order to maintain compliance with the conditions of this permit.

**Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**

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

**Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**

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

**Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)**

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

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

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Act;

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

**Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)**

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

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



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 1.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(7)**

**Item 2.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

**Condition 3: Recordkeeping and reporting of compliance monitoring**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(c)**

**Item 3.1:**

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

**Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(c)(2)**

**Item 4.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

**Condition 5: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)**

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

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(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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following:

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
  - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2



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Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

1150 North Westcott Road  
Schenectady, NY 12306-2014

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 7.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

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

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

**Condition 8: Recordkeeping requirements**



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**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 8.1:**

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 9.1:**

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

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

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 10: Maintenance of Equipment**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**



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**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 11.1:**

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 the ECL.

**Condition 22: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 22.1:**

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 12: Exempt Sources - Proof of Eligibility**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 12.1:**

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 this Subpart. 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 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 13: Trivial Sources - Proof of Eligibility**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 13.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.



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**Condition 14: Standard Requirement - Provide Information**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)**

**Item 14.1:**

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 15: General Condition - Right to Inspect**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)**

**Item 15.1:**

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

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

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

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

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

**Condition 16: Standard Requirements - Progress Reports**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)**

**Item 16.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance,



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and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 17: Off Permit Changes**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 201-6.5(f)(6)**

**Item 17.1:**

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

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

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Required Emissions Tests**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 18.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

**Condition 19: Visible Emissions Limited**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 211.3**



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**Item 19.1:**

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 20: Accidental release provisions.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 68**

**Item 20.1:**

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

**Condition 21: Recycling and Emissions Reduction**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 21.1:**

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

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

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**Condition 23: Emission Unit Definition**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 23.1:**

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

Emission Unit: R-25401

Emission Unit Description:

SIX 1400 HP WORTHINGTON COMPRESSOR  
ENGINES. EACH FIRES NATURAL GAS AND HAS  
BEEN RETROFITTED WITH LEC TECHNOLOGY.

Building(s): 1

**Item 23.2:**

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

Emission Unit: T-25401

Emission Unit Description:

ONE 10,475 HP SOLAR TAURUS 70 TURBINE.

Building(s): 2

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

**Condition 24: Emission Point Definition By Emission Unit**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 24.1:**

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

Emission Unit: R-25401

Emission Point: R001A

Height (ft.): 70 Diameter (in.): 24

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

Emission Point: R002A

Height (ft.): 70 Diameter (in.): 24

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

Emission Point: R003A

Height (ft.): 70 Diameter (in.): 24



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NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

Emission Point: R004A

Height (ft.): 70

Diameter (in.): 24

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

Emission Point: R005A

Height (ft.): 70

Diameter (in.): 24

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

Emission Point: R006A

Height (ft.): 70

Diameter (in.): 24

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 1

**Item 24.2:**

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

Emission Unit: T-25401

Emission Point: T0008

Height (ft.): 60

Diameter (in.): 56

NYTMN (km.): 4704.324 NYTME (km.): 618.033 Building: 2

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

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 25.1:**

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

Emission Unit: R-25401

Process: RCP

Source Classification Code: 2-02-002-02

Process Description: SIX (6) WORTHINGTON UTC-165T COMPRESSOR ENGINES.

Emission Source/Control: OR01A - Combustion

Design Capacity: 1,400 horsepower (mechanical)

Emission Source/Control: OR02A - Combustion

Design Capacity: 1,400 horsepower (mechanical)

Emission Source/Control: OR03A - Combustion

Design Capacity: 1,400 horsepower (mechanical)

Emission Source/Control: OR04A - Combustion

Design Capacity: 1,400 horsepower (mechanical)



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Emission Source/Control: OR05A - Combustion  
Design Capacity: 1,400 horsepower (mechanical)

Emission Source/Control: OR06A - Combustion  
Design Capacity: 1,400 horsepower (mechanical)

**Item 25.2:**

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

Emission Unit: T-25401

Process: TUR

Source Classification Code: 2-02-002-01

Process Description:

THE 10,475 HP\* SOLAR TAURUS 70 TURBINE WILL BURN PIPELINE QUALITY NATURAL GAS EXCLUSIVELY. THE TURBINE IS EQUIPPED WITH SOLONOX TECHNOLOGY THAT WILL ACHIEVE 25 PPMVD NOX CORRECTED TO 15% O2 DURING NORMAL OPERATION. THE UNIT WILL ACHIEVE 42 PPMVD NOX CORRECTED TO 15% O2 DURING OPERATION IN SUB ZERO AMBIENT CONDITIONS. THE TURBINE PTE INCLUDES EMISSIONS FROM 250 STARTUP AND SHUTDOWN EVENTS.

\*THIS RATING CORRESPONDS TO SITE CONDITIONS OF ELEVATION = 423 FEET, ANNUAL AVERAGE AMBIENT TEMPERATURE = 40 DEGREES F, RELATIVE HUMIDITY 60%. THIS ENGINE'S MAXIMUM RATED 12,049 HP OCCURS @ 0 DEGREES F.

Emission Source/Control: OT008 - Combustion  
Design Capacity: 10,475 horsepower (mechanical)

**Condition 26: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 26.1:**

The Compliance Certification activity will be performed for:

Emission Unit: R-25401

Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 26.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 27: Compliance Certification**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 227-2.5(c)**

**Item 27.1:**

The Compliance Certification activity will be performed for:

Emission Unit: R-25401

Regulated Contaminant(s):

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PER RACT REGULATIONS, TGP INSTALLED CONTROLS THAT ARE AN INTEGRAL PART OF THESE COMBUSTION UNITS. TGP MONITORS FUEL CONSUMPTION AS AN INDICATOR OF THE OVERALL STATUS OF THE COMBUSTION UNIT AND THE EMISSIONS REDUCTION EQUIPMENT. TGP

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CONDUCTED COMPLIANCE TESTS ON THE UNITS TO ENSURE COMPLIANCE WITH THE RACT LIMITS. FURTHER, TGP HAS DEVELOPED BEST MANAGEMENT PRACTICES TO ENSURE THAT EACH ENGINE RUNS AT OPTIMUM CONDITIONS AND DOES NOT EXCEED THE NOX RACT LIMIT OF 6 G/BHP-HR. TGP WILL SUBMIT A SUMMARY OF THE FUEL MONITORING RECORDS (AVERAGED TO 1 HR), AS PART OF THE ANNUAL CERTIFICATION OF COMPLIANCE. THE UNIT WILL EXCLUSIVELY FIRE PIPELINE QUALITY, HIGHLY CONSISTANT NATURAL GAS AS REGULATED BY THE FERC.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 28: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 227-2.5(c)**

**Item 28.1:**

The Compliance Certification activity will be performed for:

Emission Unit: R-25401

Regulated Contaminant(s):

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

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A STACK TEST WILL BE PERFORMED TO VERIFY COMPLIANCE WITH THE 6G/BHP-HR NOX EMISSION RATE AS REQUIRED BY THE NOX RACT COMPLIANCE PLAN. THIS TESTING WILL SATISFY THE REQUIREMENT TO TEST FOR NOX ONCE DURING PERMIT TERM.

Upper Permit Limit: 6.0 grams per brake horsepower-hour



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Reference Test Method: RM 20

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 29: Compliance Certification**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 63.6590(b)(3), Subpart ZZZZ**

**Item 29.1:**

The Compliance Certification activity will be performed for:

Emission Unit: R-25401

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A STATIONARY RICE WHICH IS AN EXISTING  
SPARK IGNITION TWO STROKE LEAN BURN  
STATIONARY RICE AND AN EXISTING EMERGENCY  
STATIONARY RICE DOES NOT HAVE TO MEET THE  
REQUIREMENTS OF THIS SUBPART.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30: EPA Region 2 address.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

**Item 30.1:**

This Condition applies to Emission Unit: T-25401

**Item 30.2:**

All requests, reports, applications, submittals, and other communications to the Administrator pursuant



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to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance  
USEPA Region 2  
290 Broadway, 21st Floor  
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

**Condition 31: Date of construction notification - If a COM is not used.  
Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 31.1:**

This Condition applies to Emission Unit: T-25401

**Item 31.2:**

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

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**Condition 32: Excess Emissions Report**  
Effective between the dates of 03/09/2007 and 03/08/2012

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

**Item 32.1:**

This Condition applies to Emission Unit: T-25401

**Item 32.2:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 33: Facility files for subject sources.**  
Effective between the dates of 03/09/2007 and 03/08/2012

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

**Item 33.1:**

This Condition applies to Emission Unit: T-25401

**Item 33.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 34: Availability of information.**  
Effective between the dates of 03/09/2007 and 03/08/2012

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 34.1:**

This Condition applies to Emission Unit: T-25401

**Item 34.2:**

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

**Condition 35: Compliance with Standards and Maintenance Requirements**  
Effective between the dates of 03/09/2007 and 03/08/2012

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

**Item 35.1:**



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**Item 35.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 36: Circumvention.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 36.1:**

This Condition applies to Emission Unit: T-25401

**Item 36.2:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 37: Compliance Certification**

**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: T-25401

Regulated Contaminant(s):

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

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For a facility with a new turbine firing natural gas and if the combustion turbine heat input at peak load (HHV) is greater than 50 mmBtu/hr and less than or equal to 850



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mmBtu/hr, the facility must not exceed the NO<sub>x</sub> emission standard of 25 ppm at 15% O<sub>2</sub>.

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

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)  
Reference Test Method: EPA Method 7E or Met  
Monitoring Frequency: ANNUALLY  
Averaging Method: 3-HOUR BLOCK AVERAGE  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due every 12 calendar month(s).

**Condition 38: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: T-25401

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

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is not using water or steam injection to control NO<sub>x</sub> emissions, the facility must perform annual performance tests in accordance with §60.4400 to demonstrate continuous compliance.

If the NO<sub>x</sub> emission result from the performance test is less than or equal to 75% of the NO<sub>x</sub> emission limit for the turbine, the facility may reduce the frequency of subsequent performance tests to once every two years (no more than 26 calendar months following the previous performance test). If the results of any subsequent



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performance test exceeds 75% of the NO<sub>x</sub> emission limit for the turbine, the facility must resume annual performance tests.

Reference Test Method: EPA Method 7E or Met

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 39: Compliance Certification**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.4375(b), NSPS Subpart KKKK**

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: T-25401

Regulated Contaminant(s):

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

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each affected unit that performs annual performance tests in accordance with §60.4340(a), the facility must submit a written report of the results of each performance test before the close of business on the 60th day following the completion of the performance test.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 40: NO<sub>x</sub> performance testing methodology**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.4400(b), NSPS Subpart KKKK**

**Item 40.1:**

This Condition applies to Emission Unit: T-25401

**Item 40.2:**

The performance test must be done at any load condition within +/- 25% of 100% of peak load. The facility may perform testing at the highest achievable load point, if at least 75% of peak load cannot be



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achieved in practice. The facility must conduct three separate test runs for each performance test. The minimum time per run is 20 minutes.

If the stationary combustion turbine combusts both oil and gas as primary or backup fuels, separate performance testing is required for each fuel.

For a combined cycle and CHP turbine systems with supplemental heat (duct burner), the facility must measure the total NOx emissions after the duct burner rather than directly after the turbine. The duct burner must be in operation during the performance test.

If water or steam injection is used to control NOx with no additional post-combustion NOx control and the facility chooses to monitor the steam or water to fuel ratio in accordance with §60.4335, then that monitoring system must be operated concurrently with each EPA Method 20 or 7E run and must be used to determine the fuel consumption and the steam or water to fuel ratio necessary to comply with the applicable §60.4320 NOx emission limit.

Compliance with the applicable emission limit in §60.4320 must be demonstrated at each tested load level. Compliance is achieved if the three-run arithmetic average NOx emission rate at each tested level meets the applicable emission limit in §60.4320.

If the facility elects to install a CEMS, the performance evaluation of the CEMS may either be conducted separately or (as described in §60.4405) as part of the initial performance test of the affected unit.

The ambient temperature must be greater than 0F during the performance test.

**Condition 41: Recordkeeping requirements.**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 41.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 41.2:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 42: Performance test methods.**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A**

**Item 42.1:**

This Condition applies to Emission Unit: T-25401

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Process: TUR

**Item 42.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 43: Required performance test information.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.8(c), NSPS Subpart A**

**Item 43.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 43.2:**

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

**Condition 44: Performance testing facilities.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.8(e), NSPS Subpart A**

**Item 44.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 44.2:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

**Condition 45: Number of required tests.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.8(f), NSPS Subpart A**

**Item 45.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

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**Item 45.2:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 46: Monitoring requirements.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 46.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 46.2:**

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

**Condition 47: Modifications.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

**Item 47.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 47.2:**

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

**Condition 48: Reconstruction.**

**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A**

**Item 48.1:**

This Condition applies to Emission Unit: T-25401  
Process: TUR

**Item 48.2:**

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;



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- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

**Condition 49: Compliance Certification**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable Federal Requirement: 6NYCRR 227-2.4(e)(1)**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: T-25401  
Process: TUR                      Emission Source: OT008

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

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
    NOx emission limit for simple cycle gas turbines firing  
    only gas.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 50.0 parts per million by volume  
    (dry, corrected to 15% O2)  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 50: Compliance Certification**



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

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: T-25401 Emission Point: T0008

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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





**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

**STATE ONLY APPLICABLE REQUIREMENTS**

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

**Condition 53: Contaminant List**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 53.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this



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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

**Condition 54: Unavoidable noncompliance and violations**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

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

**Item 54.1:**

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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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 of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(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



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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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 55: Air pollution prohibited**  
**Effective between the dates of 03/09/2007 and 03/08/2012**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 55.1:**

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.