

New York State Department of Environmental Conservation
Facility DEC ID: 4432400005



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-4324-00005/00007
Effective Date: 02/09/2007 Expiration Date: 02/08/2012

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

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

Facility: COMPRESSOR STATION 249
2840 US RTE 20
CARLISLE, NY 12031

Contact: LARRY GREBERT
TENNESSEE GAS PIPELINE CO
5035 ST RTE 66
NASSAU, NY 12123
(518) 766-3611

Description:

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: KENT P SANDERS
65561 STATE HIGHWAY 10
SUITE 1
STAMFORD, NY 12167

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
SUBOFFICE
Submission of application for permit modification or renewal-REGION 4
SUBOFFICE - STAMFORD



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 SUBOFFICE

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 Sub-office
Division of Environmental Permits
65561 State Highway 10, Suite 1
Stamford, NY 12167-9503
(607) 652-7364

Condition 8: Submission of application for permit modification or renewal-REGION 4 SUBOFFICE - STAMFORD

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 Sub-office
Division of Environmental Permits
65561 State Highway 10, Suite 1
Stamford, NY 12167-9503
(607) 652-7364



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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 249
2840 US RTE 20
CARLISLE, NY 12031

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

Permit Effective Date: 02/09/2007

Permit Expiration Date: 02/08/2012



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
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 227-1.3(a): Compliance Certification
- 25 6NYCRR 227-1.6(a): Corrective action.
- 26 6NYCRR 227-1.6(b): Corrective action.
- 27 6NYCRR 227-1.6(c): Corrective action.
- 28 6NYCRR 227-1.6(d): Corrective action.
- 29 40CFR 63.7506(c), Subpart DDDDD: Exempt Boilers - Facility

Emission Unit Level

- 30 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 31 6NYCRR 201-6: Process Definition By Emission Unit
- 32 6NYCRR 201-7: Emission Unit Permissible Emissions

EU=R-24901

- 33 40CFR 63.6590(b)(3), Subpart ZZZZ: Engines that are exempt from Subpart ZZZZ
- 34 40CFR 63.6600(c), NESHAP Subpart ZZZZ: Exemption for certain existing stationary reciprocating internal combustion engines (RICE)

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EU=R-24901,Proc=RC1,ES=0R01A

- 35 6NYCRR 227-2.4(f)(2): Compliance Certification
- 36 6NYCRR 227-2.4(f)(2): Compliance Certification

EU=R-24902

- 37 40CFR 63.6590(b)(3), Subpart ZZZZ: Engines that are exempt from Subpart ZZZZ
- 38 40CFR 63.6600(c), NESHAP Subpart ZZZZ: Exemption for certain existing stationary reciprocating internal combustion engines (RICE)

EU=R-24902,Proc=RC2,ES=0R02A

- *39 6NYCRR 201-7: Capping Monitoring Condition
- *40 6NYCRR 201-7: Capping Monitoring Condition
- *41 6NYCRR 201-7: Capping Monitoring Condition
- 42 6NYCRR 227-2.4(f)(2): Compliance Certification

EU=R-24903

- *43 6NYCRR 201-7: Capping Monitoring Condition
- *44 6NYCRR 201-7: Capping Monitoring Condition
- *45 6NYCRR 201-7: Capping Monitoring Condition
- 46 40CFR 63, Subpart A: NESHAP General Provisions
- 47 40CFR 63.6595(a)(3), NESHAP Subpart ZZZZ: Compliance deadline for new or reconstructed stationary RICE
- 72 40CFR 63.6600(b), NESHAP Subpart ZZZZ: Compliance Certification
- 48 40CFR 63.6605(a), NESHAP Subpart ZZZZ: Compliance required at all times except during periods of startup, shutdown or malfunction
- 49 40CFR 63.6605(b), NESHAP Subpart ZZZZ: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices
- 50 40CFR 63.6610(a), NESHAP Subpart ZZZZ: Required date of initial compliance test
- 51 40CFR 63.6620(b), NESHAP Subpart ZZZZ: Compliance Certification
- 52 40CFR 63.6620(b), NESHAP Subpart ZZZZ: Compliance Certification
- 53 40CFR 63.6620(c), NESHAP Subpart ZZZZ: Prohibition from conducting performance tests
- 54 40CFR 63.6620(i), NESHAP Subpart ZZZZ: Compliance Certification
- 55 40CFR 63.6625(b), NESHAP Subpart ZZZZ: Installation, operation and maintenance of continuous parameter monitoring system (CPMS) - oxidation catalyst
- 56 40CFR 63.6630(a), Subpart ZZZZ: Compliance Certification
- 57 40CFR 63.6635(b), Subpart ZZZZ: Continuous monitoring requirement
- 58 40CFR 63.6635(c), Subpart ZZZZ: Data that cannot be used for continuous compliance demonstration
- 59 40CFR 63.6640(b), NESHAP Subpart ZZZZ: Deviations and catalyst changing provisions for lean burn and compression ignition engines
- 60 40CFR 63.6640(d), NESHAP Subpart ZZZZ: Treatment of deviations

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- during periods of startup, shutdown and malfunction
- 61 40CFR 63.6640(e), NESHAP Subpart ZZZZ: Reporting of non-compliance with NESHAP General Provisions
 - 62 40CFR 63.6645(a), NESHAP Subpart ZZZZ: Compliance Certification
 - 63 40CFR 63.6645(c), NESHAP Subpart ZZZZ: Compliance Certification
 - 64 40CFR 63.6645(d), NESHAP Subpart ZZZZ: Compliance Certification
 - 65 40CFR 63.6645(e), NESHAP Subpart ZZZZ: Compliance Certification
 - 66 40CFR 63.6645(f)(2), NESHAP Subpart ZZZZ: Compliance Certification
 - 67 40CFR 63.6650, Subpart ZZZZ: Compliance Certification
 - 68 40CFR 63.6650, Subpart ZZZZ: Compliance Certification
 - 69 40CFR 63.6655, Subpart ZZZZ: Compliance Certification

EU=R-24903,Proc=RC3,ES=R003A

- 70 6NYCRR 227-2.4(f)(2): Compliance Certification

EU=R-24903,Proc=RC3,ES=R004A

- 71 6NYCRR 227-2.4(f)(2): Compliance Certification

EU=R-24903,EP=R003A

- 73 40CFR 63.6640, Subpart ZZZZ: Compliance Certification
- 74 40CFR 63.6640, Subpart ZZZZ: Compliance Certification

EU=R-24903,EP=R004A

- 75 40CFR 63.6640, Subpart ZZZZ: Compliance Certification
- 76 40CFR 63.6640, Subpart ZZZZ: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 77 ECL 19-0301: Contaminant List
- 78 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 79 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 02/09/2007 and 02/08/2012

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 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

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 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 13.1:

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 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 14.1:

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 15: Standard Requirement - Provide Information
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 15.1:

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 16: General Condition - Right to Inspect
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 16.1:

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 17: Standard Requirements - Progress Reports
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 17.1:

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 18: Off Permit Changes
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 18.1:

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 19: Required Emissions Tests
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 19.1:

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 20: Visible Emissions Limited
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 211.3



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Item 20.1:

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 21: Accidental release provisions.

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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 22: Recycling and Emissions Reduction

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: R-24901

Emission Unit Description:

One 5500 HP Cooper Bessemer Model 16V-250 reciprocating compressor engine that fires natural gas.

Building(s): 1

Item 23.2:

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

Emission Unit: R-24902

Emission Unit Description:

One 3600 HP Cooper Bessemer Model 8W330 reciprocating compressor engine that fires natural gas.

Building(s): 1

Item 23.3:

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

Emission Unit: R-24903

Emission Unit Description:

Two Caterpillar Model 3612 internal combustion engines (4-stroke, lean burn) rated at 3,785 HP each.

Building(s): 2

Condition 24: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 24.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: R-24901

Emission Unit: R-24902

Emission Unit: R-24903



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Item 24.2:

Compliance Certification shall include the following monitoring:

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: 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 25: Corrective action.

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 227-1.6(a)

Item 25.1:

This Condition applies to:

Emission Unit: R24901

Emission Unit: R24902

Emission Unit: R24903

Item 25.2:

Any facility found in violation of the provisions of this Part shall not cause, permit, or allow the operation of the affected stationary combustion installation unless:

(1) it is equipped with approved emission control equipment;

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(2) it is rehabilitated or upgraded in an approved manner; or

(3) the fuel is changed to an acceptable type.

Condition 26: Corrective action.

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 227-1.6(b)

Item 26.1:

This Condition applies to:

Emission Unit: R24901

Emission Unit: R24902

Emission Unit: R24903

Item 26.2:

The commissioner may seal the affected stationary combustion installation that does not comply with the provisions in subdivision 6 NYCRR 227-1.6(a) within the time provided.

Condition 27: Corrective action.

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 227-1.6(c)

Item 27.1:

This Condition applies to:

Emission Unit: R24901

Emission Unit: R24902

Emission Unit: R24903

Item 27.2:

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

Condition 28: Corrective action.

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 227-1.6(d)

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Item 28.1:

This Condition applies to:

Emission Unit: R24901

Emission Unit: R24902

Emission Unit: R24903

Item 28.2:

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

Condition 29: Exempt Boilers - Facility
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.7506(c), Subpart DDDDD

Item 29.1:

The following boilers and process heaters are not subject to the initial notification requirements in §63.9(b) and are not subject to any requirements in subparts A or DDDDD:

- existing small solid fuel units
- existing small liquid fuel units
- existing small gas fuel units
- new or reconstructed small gas fuel units

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 30.1:

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

Emission Unit: R-24901

Emission Point: R001A

Height (ft.): 59

Diameter (in.): 36

NYTMN (km.): 4733.623 NYTME (km.): 548.833 Building: 1

Item 30.2:



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

Emission Unit: R-24902

Emission Point: R002A

Height (ft.): 59

Diameter (in.): 30

NYTMN (km.): 4733.623 NYTME (km.): 548.833 Building: 1

Item 30.3:

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

Emission Unit: R-24903

Emission Point: R003A

Height (ft.): 55

Diameter (in.): 32

NYTMN (km.): 4733.844 NYTME (km.): 548.91 Building: 2

Emission Point: R004A

Height (ft.): 55

Diameter (in.): 32

NYTMN (km.): 4733.844 NYTME (km.): 548.923 Building: 2

Condition 31: Process Definition By Emission Unit

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 31.1:

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

Emission Unit: R-24901

Process: RC1

Source Classification Code: 2-02-002-02

Process Description:

Cooper Bessemer 5500 HP reciprocating compressor engine.

Emission Source/Control: 0R01A - Combustion

Item 31.2:

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

Emission Unit: R-24902

Process: RC2

Source Classification Code: 2-02-002-02

Process Description:

Cooper Bessemer 3600 HP reciprocating compressor engine.

Emission Source/Control: 0R02A - Combustion

Item 31.3:

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

Emission Unit: R-24903

Process: RC3

Source Classification Code: 2-02-002-54

Process Description:

Two 4-stroke lean burn internal combustion engines -
natural gas fired.

Emission Source/Control: R003A - Combustion

Design Capacity: 3,785 horsepower (mechanical)

Emission Source/Control: R004A - Combustion

Design Capacity: 3,785 horsepower (mechanical)

Emission Source/Control: R003C - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: R004C - Control

Control Type: CATALYTIC OXIDATION

Condition 32: Emission Unit Permissible Emissions

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 32.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: R-24903

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 3.2 pounds per hour

28,142 pounds per year

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 8.4 pounds per hour

73,096 pounds per year

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 8.2 pounds per hour

72,366 pounds per year

Condition 33: Engines that are exempt from Subpart ZZZZ



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Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 33.1:

This Condition applies to Emission Unit: R-24901

Item 33.2:

The following types of stationary RICE do not have to meet any of the requirements of 40 CFR 63, Subpart ZZZZ:

- existing spark ignition 2 stroke lean burn (2SLB),
- existing spark ignition 4 stroke lean burn (4SLB),
- existing compression ignition (CI),
- existing emergency (as defined in §63.6675) engine,
- existing limited use (as defined in §63.6675) engine,
- existing engine that burns landfill or digester gas equivalent to 10% or more of the total annual gross heat input.

Condition 34: Exemption for certain existing stationary reciprocating internal combustion engines (RICE)

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6600(c), NESHAP Subpart ZZZZ

Item 34.1:

This Condition applies to Emission Unit: R-24901

Item 34.2:

Facilities that own or operate: An existing two-stroke lean burn (2SLB) stationary RICE, an existing four-stroke lean burn (4SLB) stationary RICE, or an existing compression ignition (CI) stationary RICE; a stationary RICE that combusts landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis; an emergency stationary RICE; or a limited use stationary RICE; do not need to comply with the emission limitations in Tables 1a and 2a of 40 CFR 63 Subpart ZZZZ or operating limitations in Tables 1b and 2b of 40 CFR 63 Subpart ZZZZ.

Condition 35: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24901

Process: RC1

Emission Source: 0R01A



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Regulated Contaminant(s):

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The oxides of nitrogen (NO_x) emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine is 1.5 g/hp-hr. The following paragraphs detail how the facility will ensure compliance with the emission limit.

Monitoring of source operating parameters ensures that the engine runs at optimum conditions and does not exceed the emissions limit and is addressed by the company's maintenance and monitoring program. The maintenance and monitoring program for reciprocating engines involves an Engine Analysis program and a Best Management Practices (BMP) program.

The Engine Analysis program employs periodic analysis of fundamental engine parameters, such as fuel consumption, firing pressures, and power cylinder vibration. Fuel consumption is one of the key factors typically evaluated for engine degradation. Fuel consumption will be used as an indicator of overall status of the engine's operational condition and emission compliance. Fuel consumption will be monitored on an hourly basis and recorded daily. Fuel consumption records shall be maintained on site.

The Best Management Practices program provides the station personnel with parametric windows for all critical operational parameters affecting proper operation of the unit. The parameters are checked at appropriate intervals, and if a parameter is found to be out of range, it is corrected immediately or entered into the company's work management program for documentation and follow through.

Copies of the Engine Analysis guidelines and Best Management Practices shall kept on site.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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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 36: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24901

Process: RC1

Emission Source: 0R01A

Regulated Contaminant(s):

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Reference Test Method: METHOD 7, 7E, 19 - 40 CFR 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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 37: Engines that are exempt from Subpart ZZZZ
Effective between the dates of 02/09/2007 and 02/08/2012

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

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Item 37.1:

This Condition applies to Emission Unit: R-24902

Item 37.2:

The following types of stationary RICE do not have to meet any of the requirements of 40 CFR 63, Subpart ZZZZ:

- existing spark ignition 2 stroke lean burn (2SLB),
- existing spark ignition 4 stroke lean burn (4SLB),
- existing compression ignition (CI),
- existing emergency (as defined in §63.6675) engine,
- existing limited use (as defined in §63.6675) engine,
- existing engine that burns landfill or digester gas equivalent to 10% or more of the total annual gross heat input.

**Condition 38: Exemption for certain existing stationary reciprocating internal combustion engines (RICE)
Effective between the dates of 02/09/2007 and 02/08/2012**

Applicable Federal Requirement: 40CFR 63.6600(c), NESHAP Subpart ZZZZ

Item 38.1:

This Condition applies to Emission Unit: R-24902

Item 38.2:

Facilities that own or operate: An existing two-stroke lean burn (2SLB) stationary RICE, an existing four-stroke lean burn (4SLB) stationary RICE, or an existing compression ignition (CI) stationary RICE; a stationary RICE that combusts landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis; an emergency stationary RICE; or a limited use stationary RICE; do not need to comply with the emission limitations in Tables 1a and 2a of 40 CFR 63 Subpart ZZZZ or operating limitations in Tables 1b and 2b of 40 CFR 63 Subpart ZZZZ.

**Condition 39: Capping Monitoring Condition
Effective between the dates of 02/09/2007 and 02/08/2012**

Applicable Federal Requirement: 6NYCRR 201-7

Item 39.1:

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

40CFR 52-A.21

Item 39.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms,

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conditions and standards in this permit.

Item 39.3:

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

Item 39.4:

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

Item 39.5:

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

Item 39.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-24902
Process: RC2 Emission Source: 0R02A

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

Item 39.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The facility established an emissions limit of 2.2 g/hp-hr for carbon monoxide (CO) for the Cooper Bessemer 8W-330 engine at the time of its installation at the facility. The purpose of the CO limit was to limit the emissions from the engine below the one hundred (100) ton significant source project threshold. Stack testing will be required in order to demonstrate compliance with the emission limit. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.



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Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 2.2 grams per brake horsepower-hour
Reference Test Method: ASTM D6522-00
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
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 40: Capping Monitoring Condition
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 40.1:

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

40CFR 52-A.21

Item 40.2:

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

Item 40.3:

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

Item 40.4:

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

Item 40.5:

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

Item 40.6:

The Compliance Certification activity will be performed for:



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Emission Unit: R-24902

Process: RC2

Emission Source: 0R02A

Regulated Contaminant(s):

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

Item 40.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility established an emissions limit of 1.0 g/hp-hr for oxides of nitrogen (NOx) for the Cooper Bessemer 8W-330 engine at the time of its installation at the facility. The purpose of the NOx limit was to limit the emissions from the engine below the forty (40) ton significant source project threshold. Stack testing will be required in order to demonstrate compliance with the emission limit. Compliance with this limit will also demonstrate compliance with the limit contained in 6 NYCRR Part 227-2.4(f)(2) noted elsewhere in the permit. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.0 grams per brake horsepower-hour

Reference Test Method: METHOD 7, 7E, or 19 - 40 CFR 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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 41: Capping Monitoring Condition

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 41.1:

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



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40CFR 52-A.21

Item 41.2:

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

Item 41.3:

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

Item 41.4:

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

Item 41.5:

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

Item 41.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-24902

Process: RC2

Emission Source: 0R02A

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

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

Item 41.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility established emission limits of 1.0 g/hp-hr for oxides of nitrogen (NO_x) and 2.2 g/hp-hr for carbon monoxide (CO) for the Cooper Bessemer 8W-330 engine at the time of its installation at the facility. The purpose of the NO_x and CO limits were to limit the emissions from the engine below the forty (40) ton and one hundred (100) ton significant source project thresholds, respectively.



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Compliance with the NO_x limit will also demonstrate compliance with the NO_x limit contained in 6 NYCRR Part 227-2.4(f)(2) noted elsewhere in the permit.

Monitoring of source operating parameters ensures that the engine runs at optimum conditions and does not exceed the emission limits and is addressed by the company's maintenance and monitoring program. The maintenance and monitoring program for reciprocating engines involves an Engine Analysis program and a Best Management Practices (BMP) program.

The Engine Analysis program employs periodic analysis of fundamental engine parameters, such as fuel consumption, firing pressures, and power cylinder vibration. Fuel consumption is one of the key factors typically evaluated for engine degradation. Fuel consumption will be used as an indicator of overall status of the engine's operational condition and emission compliance. Fuel consumption will be monitored on an hourly basis and recorded daily. Fuel consumption records shall be maintained on site.

The Best Management Practices program provides the station personnel with parametric windows for all critical operational parameters affecting proper operation of the unit. The parameters are checked at appropriate intervals, and if a parameter is found to be out of range, it is corrected immediately or entered into the company's work management program for documentation and follow through.

Copies of the Engine Analysis guidelines and Best Management Practices shall kept on site.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 42: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24902

Process: RC2

Emission Source: 0R02A

Regulated Contaminant(s):

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

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Reference Test Method: METHOD 7, 7E, 19 - 40 CFR 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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 43: Capping Monitoring Condition

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 43.1:

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

6NYCRR 231-2.2



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Item 43.2:

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

Item 43.3:

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

Item 43.4:

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

Item 43.5:

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

Item 43.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

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

Item 43.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility is limiting the emissions of oxides of nitrogen (NO_x) for the project (new engines) below the forty (40) ton significant source project threshold by limiting the NO_x emission rate for each engine to 0.5 g/hp-hr. Compliance with this limit will also demonstrate compliance with the limit contained in 6 NYCRR Part 227-2.4(f)(2) noted elsewhere in the permit.

Stack testing will be required in order to demonstrate compliance with the emission limit. The initial testing shall be conducted no later than one hundred and eighty



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(180) days after the startup for each engine. The testing shall be conducted in accordance with a test protocol that has been approved by the Department. Within sixty (60) days of completion of testing for each engine, the facility shall submit to the Department a report describing the results of such emissions tests. Subsequent emissions tests must be conducted at least once during the term of the permit.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.50 grams per brake horsepower-hour
Reference Test Method: METHOD 7, 7E, or 19 - 40 CFR 60 Appendix A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
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 44: Capping Monitoring Condition
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 44.1:

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

6NYCRR 231-2.2

Item 44.2:

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

Item 44.3:

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

Item 44.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has



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operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 44.5:

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

Item 44.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 44.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility is limiting the emissions of volatile organic compounds (VOC) for the project (new engines) below the forty (40) ton significant source project threshold by limiting the VOC emission rate for each engine to 0.50 g/hp-hr. The facility will limit the VOC emission rate through the use of oxidation catalysts. Each engine will have an oxidation catalyst. The oxidation catalysts will be installed on the engines for the primary purpose of reducing carbon monoxide emissions in order to achieve compliance with 40 CFR 63 - Subpart ZZZZ - National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The oxidation catalysts also reduce VOC emissions.

Stack testing will be required in order to demonstrate compliance with the emission limit. The initial testing shall be conducted no later than one hundred and eighty (180) days after the startup for each engine. The testing shall be conducted in accordance with a test protocol that has been approved by the Department. Within sixty (60) days of completion of testing for each engine, the facility shall submit to the Department a report describing the results of such emissions tests. Subsequent emissions tests must be conducted at least once

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during the term of the permit.

Parameter Monitored: VOC

Upper Permit Limit: 0.50 grams per brake horsepower-hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

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 45: Capping Monitoring Condition
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 45.1:

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

40CFR 52-A.21

Item 45.2:

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

Item 45.3:

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

Item 45.4:

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

Item 45.5:

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

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Item 45.6:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

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

Item 45.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is limiting the emissions of oxides of nitrogen (NO_x) and volatile organic compounds (VOC) for the project (new engines) below the forty (40) ton significant source project threshold for each contaminant by limiting the NO_x and VOC emission rates for each engine to 0.5 g/hp-hr. Compliance with the NO_x limit will also demonstrate compliance with the NO_x limit contained in 6 NYCRR Part 227-2.4(f)(2) noted elsewhere in the permit.

Monitoring of source operating parameters ensures that the engines run at optimum conditions and do not exceed the emission limits and is addressed by the company's maintenance and monitoring program. The maintenance and monitoring program for reciprocating engines involves an Engine Analysis program and a Best Management Practices (BMP) program.

The Engine Analysis program employs periodic analysis of fundamental engine parameters, such as fuel consumption, firing pressures, and power cylinder vibration. Fuel consumption is one of the key factors typically evaluated for engine degradation. Fuel consumption will be used as an indicator of overall status of the engine's operational condition and emission compliance. Fuel consumption will be monitored on an hourly basis and recorded daily. Fuel consumption records shall be maintained on site.

The Best Management Practices program provides the station personnel with parametric windows for all critical operational parameters affecting proper operation of the



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unit. The parameters are checked at appropriate intervals, and if a parameter is found to be out of range, it is corrected immediately or entered into the company's work management program for documentation and follow through.

Copies of the Engine Analysis guidelines and Best Management Practices shall kept on site.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 46: NESHAP General Provisions
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63, Subpart A

Item 46.1:

This Condition applies to Emission Unit: R-24903

Item 46.2:

This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 47: Compliance deadline for new or reconstructed stationary RICE
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6595(a)(3), NESHAP Subpart

ZZZZ

Item 47.1:

This Condition applies to Emission Unit: R-24903

Item 47.2:

Facility must comply with the applicable emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ upon startup of a new or reconstructed stationary RICE that occurs after August 16, 2004.

Condition 72: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

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Applicable Federal Requirement: 40CFR 63.6600(b), NESHAP Subpart ZZZZ

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

If the facility owns or operates a new or reconstructed 4 stroke lean burn (4SLB) stationary RICE located at a major source of HAP emissions, the facility must reduce CO emissions by 93% or more.

The facility must also meet the applicable operating limits listed in table 2b of subpart ZZZZ.

Initial compliance will be demonstrated according to the provisions in §63.6630, using the performance tests listed in table 4, item 1a.

If the facility does not use a CO CEMS, the RICE will be required to conduct subsequent performance tests as specified in §63.6615, which requires performance tests to be conducted according to the provisions in §63.6620 semiannually. After the facility has demonstrated compliance for two consecutive tests, the facility may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO concentration limit, or if the facility deviates from any operating limits, the facility must resume semiannual performance tests.

Continuous compliance will then be demonstrated according to §63.6640. The facility must keep records according to the provisions in §63.6655 and submit the notifications and reports listed in §63.6645 and §63.6650.

Parameter Monitored: CARBON MONOXIDE

Lower Permit Limit: 93 percent reduction



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Reference Test Method: ASTM D6522-00

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 3-HOUR BLOCK AVERAGE

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 48: Compliance required at all times except during periods of startup, shutdown or malfunction
Effective between the dates of 02/09/2007 and 02/08/2012**

Applicable Federal Requirement: 40CFR 63.6605(a), NESHAP Subpart ZZZZ

Item 48.1:

This Condition applies to Emission Unit: R-24903

Item 48.2:

Facility must be in compliance with the emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ, that apply to them, at all times except during periods of startup, shutdown, and malfunction.

**Condition 49: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices
Effective between the dates of 02/09/2007 and 02/08/2012**

Applicable Federal Requirement: 40CFR 63.6605(b), NESHAP Subpart ZZZZ

Item 49.1:

This Condition applies to Emission Unit: R-24903

Item 49.2:

Facility must operate and maintain its stationary RICE, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

**Condition 50: Required date of initial compliance test
Effective between the dates of 02/09/2007 and 02/08/2012**

Applicable Federal Requirement: 40CFR 63.6610(a), NESHAP Subpart ZZZZ

Item 50.1:

This Condition applies to Emission Unit: R-24903

Item 50.2:

Facility must conduct the initial performance test or other initial compliance demonstrations in Table 4 of



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40 CFR 63 Subpart ZZZZ that apply to it within 180 days after the compliance date that is specified for their stationary RICE as listed in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2).

Condition 51: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6620(b), NESHAP Subpart ZZZZ

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each two-stroke lean burn (2SLB), four-stroke lean burn (4SLB) or compression ignition (CI) stationary reciprocating internal combustion engine (RICE) a performance test for oxygen (O₂) must be conducted according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions that 40 CFR 63 Subpart ZZZZ specifies in Table 4.

Each test must be conducted at any load condition within plus or minus 10 percent of 100 percent load. O₂ concentration must be measured at both the inlet and outlet of the control device using a portable O₂ analyzer. The O₂ concentration measurements must be made at the same time as the performance tests for carbon monoxide (CO) concentration.

Facility must conduct three separate test runs for each performance test required by this condition, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour.

The initial compliance demonstration must be conducted within 180 days of startup of the RICE. Subsequent performance tests must be conducted semi-annually. After having demonstrated compliance for two consecutive tests, facility may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO emission limitation,



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or facility deviates from any operating limitations,
facility must resume semi-annual performance tests.

Reference Test Method: ASTM D6522-00

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

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 52: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6620(b), NESHAP Subpart ZZZZ

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For each two-stroke lean burn (2SLB), four-stroke lean burn (4SLB) or compression ignition (CI) stationary reciprocating internal combustion engine (RICE) a performance test for carbon monoxide (CO) must be conducted according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions that 40 CFR 63 Subpart ZZZZ specifies in Table 4.

Each test must be conducted at any load condition within plus or minus 10 percent of 100 percent load. CO concentration must be measured at both the inlet and outlet of the control device using a portable CO analyzer. The CO concentration must be at 15% oxygen (O₂), dry basis.

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Facility must conduct three separate test runs for each performance test required by this condition, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour. Compliance is demonstrated if CO concentration is reduced by 93% or more. Facility must use the following equation from 40 CFR 63.6620(e)(1) to determine compliance with the percent reduction requirement:

$$[(C_i - C_o)] / C_i \times 100 = R$$

Where:

C_i = concentration of CO at the control device inlet,
 C_o = concentration of CO at the control device outlet,
and
R = percent reduction of CO emissions.

The initial compliance demonstration must be conducted within 180 days of startup of the RICE. Subsequent performance tests must be conducted semi-annually. After having demonstrated compliance for two consecutive tests, facility may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO emission limitation, or facility deviates from any operating limitations, facility must resume semi-annual performance tests.

Parameter Monitored: CARBON MONOXIDE

Lower Permit Limit: 93 percent reduction by volume

Reference Test Method: ASTM D6522-00

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

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 53: Prohibition from conducting performance tests



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Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6620(c), NESHAP Subpart ZZZZ

Item 53.1:

This Condition applies to Emission Unit: R-24903

Item 53.2:

Facility may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in 40 CFR 63.7(e)(1).

Condition 54: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6620(i), NESHAP Subpart ZZZZ

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accuracy in percentage of true value must be provided.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 55: Installation, operation and maintenance of continuous parameter monitoring system (CPMS) - oxidation catalyst Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6625(b), NESHAP Subpart ZZZZ

Item 55.1:

This Condition applies to Emission Unit: R-24903

Item 55.2:

Facility is required to install a continuous parameter monitoring system (CPMS), to measure oxidation catalyst inlet temperature, as specified in Table 5 of 40 CFR 63 Subpart ZZZZ on each oxidation catalyst. Facility must install, operate, and maintain each CPMS according to the requirements in 40 CFR 63.8.

Condition 56: Compliance Certification Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6630(a), Subpart ZZZZ

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):
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Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is demonstrating initial compliance with the CO reduction limit and is using an oxidation catalyst and a continuous parameter monitoring system (CPMS) for a 2-stroke lean burn (2SLB), 4-stroke lean burn (4SLB), or compression ignition engine (CI), the facility will demonstrate initial compliance if each of the following is met:

- 1) The average reduction of CO emissions determined from the initial performance test achieves the required CO

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percent reduction, and

2) The facility has installed a CPMS to continuously monitor catalyst inlet temperature according to the requirements in §63.6625(b), and

3) The facility has recorded the catalyst pressure drop and catalyst inlet temperature during the initial performance test.

The results of the initial compliance demonstration shall be submitted in the Notification of Compliance Status as required in §63.6645.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 57: Continuous monitoring requirement
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6635(b), Subpart ZZZZ

Item 57.1:

This Condition applies to Emission Unit: R-24903

Item 57.2:

The facility must monitor continuously at all times that the RICE is operating except for monitor malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments).

Condition 58: Data that cannot be used for continuous compliance demonstration
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6635(c), Subpart ZZZZ

Item 58.1:

This Condition applies to Emission Unit: R-24903

Item 58.2:

The facility may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The facility must, however, use all the valid data collected during all other periods.

Condition 59: Deviations and catalyst changing provisions for lean burn and compression ignition engines
Effective between the dates of 02/09/2007 and 02/08/2012

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Applicable Federal Requirement: 40CFR 63.6640(b), NESHAP Subpart ZZZZ

Item 59.1:

This Condition applies to Emission Unit: R-24903

Item 59.2:

Facility must report each instance in which it did not meet each emission limitation or operating limitation in Tables 2a and 2b of 40 CFR 63 Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR 63 Subpart ZZZZ. These deviations must be reported according to the requirements in 40 CFR 63.6650. If facility changes an oxidation catalyst, it must re-establish the values of the operating parameters measured during the initial performance test. When re-establishing the values of operating parameters, facility must also conduct a performance test, within 180 days of the oxidation catalyst change, to demonstrate that it is meeting the required emission limitation applicable to each stationary RICE. The performance test on the new oxidation catalyst may be scheduled to occur with the next required semi-annual carbon monoxide performance test.

Condition 60: Treatment of deviations during periods of startup, shutdown and malfunction
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6640(d), NESHAP Subpart ZZZZ

Item 60.1:

This Condition applies to Emission Unit: R-24903

Item 60.2:

Consistent with 40 CFR 63.6(e) and 40 CFR 63.7(e)(1), deviations from the emission or operating limitations that occur during a period of startup, shutdown, or malfunction are not violations if the facility can demonstrate to the Administrator's satisfaction that it was operating in accordance with the startup, shutdown, and malfunction plan. For new, reconstructed, and rebuilt stationary RICE, deviations from the emission or operating limitations that occur during the first 200 hours of operation from engine startup (engine burn-in period) are not violations.

Condition 61: Reporting of non-compliance with NESHAP General Provisions
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6640(e), NESHAP Subpart ZZZZ

Item 61.1:

This Condition applies to Emission Unit: R-24903

Item 61.2:

Facility must report each instance in which it did not meet the requirements in Table 8 of 40 CFR 63 Subpart ZZZZ (applicable requirements of 40 CFR 63 Subpart A, General Provisions) that apply to them.



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Condition 62: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6645(a), NESHAP Subpart ZZZZ

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit all of the notifications in §§63.7(b) and (c), 63.8(e), (f)(4), and (f)(6), 63.9(b)-(e), 63.9(g) and (h) that apply to the facility by the dates specified in the provision.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6645(c), NESHAP Subpart ZZZZ

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility starts up a new or reconstructed stationary reciprocating internal combustion engine (RICE) on or after August 16, 2004, the facility must submit an initial notification not later than 120 days after the



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facility becomes subject to subpart ZZZZ.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6645(d), NESHAP Subpart ZZZZ

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

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Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is required to submit an initial notification but are otherwise not affected by the requirements of subpart ZZZZ, in accordance with §63.6590(b), the notification should include the informations in §63.9(b)(2)(i)-(v), and a statement that the stationary RICE has no additional requirements and explain the basis of the exclusion (for example, that it operates exclusively as an emergency stationary RICE).

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6645(e), NESHAP Subpart ZZZZ

Item 65.1:

The Compliance Certification activity will be performed for:

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Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is required to conduct a performance test, the facility must submit a notification of intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in §63.7(b)(1).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6645(f)(2), NESHAP Subpart

ZZZZ

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

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Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is required to conduct a performance test or other initial compliance demonstration as specified in Tables 4 or 5 of subpart ZZZZ, the facility must submit a Notification of Compliance Status according to §63.9(h)(2)(ii).

For each initial compliance demonstration required in Table 5 of subpart ZZZZ that includes a performance test conducted according to the requirements in Table 4 of subpart ZZZZ, the facility must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the



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completion of the performance test according to §63.10(d)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 67: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6650, Subpart ZZZZ

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

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Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility has a startup, shutdown, or malfunction, then the facility must submit the following reports if the actions taken were not consistent with the startup, shutdown, or malfunction plan (SSMP):

1- The facility must report by fax or telephone within 2 working days after starting actions inconsistent with the SSMP the actions taken for the event.

2- The facility must report by letter within 7 working days after the end of the event unless alternative arrangements with NYSDEC have been made the information listed in §63.10(d)(5)(ii).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6650, Subpart ZZZZ

Item 68.1:



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The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit a semiannual compliance report according to the schedule listed in §63.6650(b) which contains the following:

1- If there are no deviations from any emission limits or operating limits, the facility must submit a statement that there were no deviations from the emission limits or operating limits during the reporting period.

2- If there were no periods during which the continuous monitoring systems was out-of-control, as specified in §63.8(c)(7), the facility must submit a statement that there were not periods during which the CMS was out-of-control during the reporting period.

3- If the facility had a deviation from any emission limit or operating limit during the reporting period, the facility must submit the information listed in §63.6650(d).

4- If there were periods during which the CMS was out-of-control, as specified in §63.8(c)(7), the facility must submit the information listed in §63.6650(e).

5- If there was a startup, shutdown, or malfunction during the reporting period, the facility must submit the information listed in §63.10(d)(5)(i).

6- Any other applicable information listed in §63.6650(c).

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).

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Condition 69: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6655, Subpart ZZZZ

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility must comply with the emission and operating limits, the facility must keep the following records:

1- A copy of each notification and report that was submitted to comply with subpart ZZZZ, including all documentation supporting any initial notification or notification of compliance status that was submitted according to the requirement in §63.10(b)(2)(xiv).

2- The records in §63.6(e)(3)(iii)-(v) related to startup, shutdown, and malfunction.

3- Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii).

For each continuous monitoring system, the facility must keep the following records:

1- Records described in §63.10(b)(2)(vi)-(xi).

2- Previous (i.e., superseded) versions of the performance evaluation plan as required in §63.8(d)(3).

3- Requests for alternatives to the relative accuracy test for CEMS and CPMS as required in §63.8(f)(6)(i), if applicable.



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If the facility is operating a new or reconstructed stationary RICE which fires landfill gas or digester gas equivalent to 10% or more of the gross heat input on an annual basis, the facility must keep daily fuel usage records.

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 70: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903
Process: RC3 Emission Source: R003A

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

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 1.5 grams per brake horsepower-hour
Reference Test Method: METHOD 7, 7E, 19 - 40 CFR 60 Appendix A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.



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

Condition 71: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

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

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903

Process: RC3

Emission Source: R004A

Regulated Contaminant(s):

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. A stack test protocol will be required to be submitted at least thirty (30) days prior to the testing. The stack test report is required to be submitted within sixty (60) days of completing the test.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Reference Test Method: METHOD 7, 7E, 19 - 40 CFR 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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 73: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6640, Subpart ZZZZ

Item 73.1:

The Compliance Certification activity will be performed for:

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Emission Unit: R-24903 Emission Point: R003A

Regulated Contaminant(s):

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Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

If the facility has a RICE that is:

- 2 stroke lean burn,
- 4 stroke lean burn, or
- compression ignition

Then if the RICE reduces CO emissions by using an oxidation catalyst, and if the facility is using a continuous parameter monitoring system (CPMS) to demonstrate continuous compliance with the emission limits and operating limits in Subpart ZZZZ, then the facility must:

- 1- conduct semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved; and
- 2- collect the catalyst inlet temperature data according to §63.6625(b); and
- 3- reduce these data to 4-hour rolling averages; and
- 4- maintain the 4-hour rolling average within the operating limits for the catalyst inlet temperature.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 450 degrees Fahrenheit

Upper Permit Limit: 1350 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR ROLLING AVERAGE

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 74: Compliance Certification



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Applicable Federal Requirement: 40CFR 63.6640, Subpart ZZZZ

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903 Emission Point: R003A

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility has a RICE that is:

- 2 stroke lean burn,
- 4 stroke lean burn, or
- compression ignition

Then if the RICE reduces CO emissions by using an oxidation catalyst, and if the facility is using a continuous parameter monitoring system (CPMS) to demonstrate continuous compliance with the emission limits and operating limits in Subpart ZZZZ, then the facility must:

1- conduct semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved; and

2 - measure the pressure drop across the catalyst once per month and demonstrate that the pressure drop across the catalyst is within the operating limit established during the performance test.

Monitoring Frequency: MONTHLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

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).



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Condition 75: Compliance Certification

Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6640, Subpart ZZZZ

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903 Emission Point: R004A

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

If the facility has a RICE that is:

- 2 stroke lean burn,
- 4 stroke lean burn, or
- compression ignition

Then if the RICE reduces CO emissions by using an oxidation catalyst, and if the facility is using a continuous parameter monitoring system (CPMS) to demonstrate continuous compliance with the emission limits and operating limits in Subpart ZZZZ, then the facility must:

- 1- conduct semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved; and
- 2- collect the catalyst inlet temperature data according to §63.6625(b); and
- 3- reduce these data to 4-hour rolling averages; and
- 4- maintain the 4-hour rolling average within the operating limits for the catalyst inlet temperature.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 450 degrees Fahrenheit

Upper Permit Limit: 1350 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS



New York State Department of Environmental Conservation

Permit ID: 4-4324-00005/00007

Facility DEC ID: 4432400005

Averaging Method: 4-HOUR ROLLING AVERAGE
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 76: Compliance Certification
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable Federal Requirement: 40CFR 63.6640, Subpart ZZZZ

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-24903 Emission Point: R004A

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility has a RICE that is:

- 2 stroke lean burn,
- 4 stroke lean burn, or
- compression ignition

Then if the RICE reduces CO emissions by using an oxidation catalyst, and if the facility is using a continuous parameter monitoring system (CPMS) to demonstrate continuous compliance with the emission limits and operating limits in Subpart ZZZZ, then the facility must:

- 1- conduct semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved; and
- 2 - measure the pressure drop across the catalyst once per month and demonstrate that the pressure drop across the catalyst is within the operating limit established during the performance test.

Monitoring Frequency: MONTHLY

New York State Department of Environmental Conservation

Permit ID: 4-4324-00005/00007

Facility DEC ID: 4432400005



Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

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 77: Contaminant List
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable State Requirement: ECL 19-0301

Item 77.1:

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: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Condition 78: Unavoidable noncompliance and violations
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 78.1:

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.



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(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.

(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 79: Air pollution prohibited
Effective between the dates of 02/09/2007 and 02/08/2012

Applicable State Requirement: 6NYCRR 211.2

Item 79.1:

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.