



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-5520-00007/00006
Mod 0 Effective Date: 06/12/2007 Expiration Date: 06/11/2012

Mod 1 Effective Date: Expiration Date:

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226-2050

Contact: KEITH D RUPERT
NYS DEPT OF CORRECTIONAL SERVICES
1220 WASHINGTON AVE
ALBANY, NY 12226
(518) 432-6392

Facility: BEDFORD HILLS CORRECTIONAL FACILITY
247 HARRIS RD
BEDFORD HILLS, NY 10507

Contact: ELAINE LORD
BEDFORD HILLS CORRECTIONAL FACILITIES
247 HARRIS ROAD
BEDFORD HILLS, NY 10507
(914) 241-3100

Description:
Bedford Hills/Taconic Correctional Facility is located in Westchester County, NY. The facility plans to install two new 1500kw Caterpillar generators to be used in an energy demand response program and for emergency use. The generators will burn diesel fuel. The facility is requesting a variance from 6NYCRR Part 227-2.4(f)2(ii)(b) NOx RACT limits for the two new generators. These new generators will meet 40 CFR 60 NSPS Subpart III standards and are expected to operate less than 500 hrs per year. A variance from Part 227-2 is not being requested for the existing 1000 kw generator which will remain an exempt source as defined by Part 201-3.2(c)(6).



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: KENNETH R GRZYB
 NYSDEC REGION 3
 21 SOUTH PUTT CORNERS RD
 NEW PALTZ, NY 12561

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 compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



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 application for permit modification or renewal-REGION 3 HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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;
- 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 application for permit modification or renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 7.1:

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

NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226-2050

Facility: BEDFORD HILLS CORRECTIONAL FACILITY
247 HARRIS RD
BEDFORD HILLS, NY 10507

Authorized Activity By Standard Industrial Classification Code:
9223 - CORRECTIONAL INSTITUTIONS

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

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Facility Level

- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 24 6NYCRR 201-6: Emission Unit Definition
- *1-1 6NYCRR 201-7: Capping Monitoring Condition
- 1-2 6NYCRR 202-1: Compliance Certification
- 1-3 6NYCRR 225-1.2(a)(2): Compliance Certification
- 1-4 6NYCRR 225-1.2(a)(2): Compliance Certification
- 25 6NYCRR 225-1.2(a)(2): Compliance Certification
- 1-5 6NYCRR 227-1.3: Compliance Certification
- 26 6NYCRR 227-1.3: Compliance Certification
- 27 6NYCRR 227-1.3: Compliance Certification
- 29 6NYCRR 227.2(b)(1): Compliance Certification
- 30 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 32 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 33 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification

Emission Unit Level

- 34 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 35 6NYCRR 201-6: Process Definition By Emission Unit
- 1-6 6NYCRR 201-7: Process Permissible Emissions

EU=1-1MAIN

- 36 6NYCRR 202-1.1: Required emission tests
- 37 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 1-7 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification

EU=1-1MAIN,Proc=OL3,ES=00B1A

- 1-8 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification

EU=1-GENER

- 39 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 1-9 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 1-10 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 1-11 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 1-12 40CFR 60.4207(a), NSPS Subpart III: Compliance Certification
- 1-13 40CFR 60.4207(a), NSPS Subpart III: Compliance Certification
- 1-14 40CFR 60.4207(b), NSPS Subpart III: Compliance Certification



1-15 40CFR 60.4207(b), NSPS Subpart IIII: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

40 ECL 19-0301: Contaminant List

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 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 - 6 NYCRR 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 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 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 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.

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

Condition 24: Emission Unit Definition

Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 24.1(From Mod 1):

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

Emission Unit: 1-1MAIN

Emission Unit Description:

One (1) 49.93 mmbtu/hr boiler capable of firing natural gas and No. 2 oil. Two (2) 25.1 mmbtu/hr boiler capable of firing natural gas and No.2 oil.

One (1) 14.6 mmbtu/hr boiler capable of firing natural gas and No.2 oil.

Building(s): 26

Item 24.2(From Mod 1):

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

Emission Unit: 1-GENER

Emission Unit Description:

Three generators burning diesel fuel providing emergency power. Each generator is permitted to operate under 500 hours per year. Two diesel generators provide emergency power and are included in an energy demand program. These are new 1500 kw Caterpillar generator units that are NSPS Subpart IIII (Tier 2) compliant. Annual usage is anticipated to be less than 500 hours per generator, including energy demand response and emergencies. A variance from 6 NYCRR Part 227-2.4(f)(2)(ii)(b) NO_x RACT limit is requested for these two non-exempt generators. The 1000 kw Mitsubishi generator will remain an exempt source per 6 NYCRR Part 201-3.3(c)(6).

Building(s): 26



Item 24.3(From Mod 1):

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

Emission Unit: 1-NGENG

Emission Unit Description:

One 500 KW natural gas engine,
manufactured by GE Model # JENBACHER - JMS
212 GS-N.L.

Building(s): 26

**Condition 1-1: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-7

Item 1-1.1:

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 227-2.4(f)(2)(ii)(b')

Item 1-1.2:

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

Item 1-1.3:

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 1-1.4:

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 1-1.5:

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 1-1.6:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05



Regulated Contaminant(s):

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

Item 1-1.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility is requesting a NOx RACT variance for two new 1500 kw Caterpillar diesel generators that are non-exempt based on technical and economic factors demonstrated by limiting the operation of the generators to 500 hrs/yr. NOx emission factor from the two 1500 kw non-exempt generators will be limited to 4.97 g/hp-hr with total NOx emissions capped at 11 tons/yr.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 30 days after first semi-annual (6 month) period following Permit Issue

Date

**Condition 1-2: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 202-1

Item 1-2.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Regulated Contaminant(s):

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

Item 1-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility is requesting a NOx RACT variance for two 1500 kw Caterpillar diesel generators. NOx emissions from



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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-4: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 225-1.2(a)(2)

Replaces Condition(s) 25

Item 1-4.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-1MAIN
Process: OL3

Emission Unit: 1-1MAIN
Process: OL4

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

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility will maintain fuel contract specifying sulfur content by weight of 0.2% for No. 2 fuel oil to be burned in the facility combustion sources. The facility will retain fuel supplier certifications verifying the sulfur content.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 25: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-1.2(a)(2)



Replaced by Condition(s) 1-4

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Sulfur content of oil purchased or used is limited as follows:

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.37 percent by weight

Reference Test Method: N/A - Supplier's verification statement

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 1-5: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaces Condition(s) 26, 27

Item 1-5.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-5.2:

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.



The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaced by Condition(s) 1-5

Item 26.1:
The Compliance Certification activity will be performed for the Facility.

Item 26.2:
Compliance Certification shall include the following monitoring:

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

Monitoring Description:
The facility will complete daily visual inspections of opacity of all the emission points when they are operating



on No. 2 oil or diesel. If visible emissions are noted on two consecutive days, then EPA Method 9 analysis will be completed.

Manufacturer Name/Model Number: various
Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE 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 27: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaced by Condition(s) 1-5

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-1MAIN

Emission Unit: 1-GENER

Emission Unit: 1-NGENG

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day



- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

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

Condition 29: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 227.2(b)(1)

Expired by Mod 1

Item 29.1:

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

Emission Unit: 1-1MAIN



Process: OL3

Emission Unit: 1-1MAIN

Process: OL4

Emission Unit: 1-GENER

Process: GEN

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,
- 2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and
- 3) all records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 30: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42c(d), NSPS Subpart Dc

Replaced by Condition(s) 1-7

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 30.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

Limit Sulfur Content of No. 2 Oil.

Process Material: NUMBER 2 OIL

Manufacturer Name/Model Number: various

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Reference Test Method: method 19

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 32: Compliance Certification

Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(e), NSPS Subpart Dc

Replaced by Condition(s) 1-8

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity Standard for oil burning facilities.

No emission point of the facility is allowed to emit any
gasses that exhibit opacity greater than 20 percent
(6-minute average) except for one 6-minute period per hour
of not more than 27 percent opacity.

Process Material: NUMBER 2 OIL

Manufacturer Name/Model Number: various

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE 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 33: Compliance Certification

Effective between the dates of 06/12/2007 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc

Replaced by Condition(s) 1-8

Item 33.1:

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

Emission Unit: 1-1MAIN

Process: NG3

Emission Source: 00B1A

Emission Unit: 1-1MAIN

Process: OL3

Emission Source: 00B1A

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under 40 CFR 60.8, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

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).

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

Condition 34: Emission Point Definition By Emission Unit
Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 34.1(From Mod 1):

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

Emission Unit: 1-1MAIN



Emission Point: 00003
Height (ft.): 150 Diameter (in.): 84
NYTMN (km.): 4566.073 NYTME (km.): 611.533 Building: 26

Item 34.2(From Mod 1):

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

Emission Unit: 1-GENER

Emission Point: 00004
Height (ft.): 23 Diameter (in.): 12
NYTMN (km.): 4566.073 NYTME (km.): 611.533 Building: 26

Emission Point: 00005
Height (ft.): 24 Diameter (in.): 12
NYTMN (km.): 4566.073 NYTME (km.): 611.533 Building: 26

Emission Point: 00006
Height (ft.): 13 Diameter (in.): 12
NYTMN (km.): 4566.073 NYTME (km.): 611.533 Building: 26

Item 34.3(From Mod 1):

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

Emission Unit: 1-NGENG

Emission Point: 00007
Height (ft.): 13 Diameter (in.): 9
NYTMN (km.): 4566.073 NYTME (km.): 611.533 Building: 26

Condition 35: Process Definition By Emission Unit

Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-6

Item 35.1(From Mod 1):

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

Emission Unit: 1-1MAIN
Process: NG3 Source Classification Code: 1-01-006-02
Process Description:
One 49.93 mmbtu/hr powerhouse boiler burning natural gas

Emission Source/Control: 00B1A - Combustion
Design Capacity: 49.93 million Btu per hour

Item 35.2(From Mod 1):

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

Emission Unit: 1-1MAIN
Process: NG4 Source Classification Code: 1-02-006-02
Process Description:



Two 25.1 mmbtu/hr and one 14.6 mmbtu/hr powehouse boilers
burning natural gas.

Emission Source/Control: 00B2A - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00B3A - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00B4A - Combustion
Design Capacity: 14.6 million Btu per hour

Item 35.3(From Mod 1):

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

Emission Unit: 1-1MAIN
Process: OL3 Source Classification Code: 1-01-005-01
Process Description: One 49.93 mmbtu/hr boiler burnign no. 2 oil.

Emission Source/Control: 00B1A - Combustion
Design Capacity: 49.93 million Btu per hour

Item 35.4(From Mod 1):

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

Emission Unit: 1-1MAIN
Process: OL4 Source Classification Code: 1-01-005-01
Process Description:
Two 25.1 mmbtu/hr and one 14.6 mmbtu/hr powehouse boilers
burning no. 2 oil.

Emission Source/Control: 00B2A - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00B3A - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00B4A - Combustion
Design Capacity: 14.6 million Btu per hour

Item 35.5(From Mod 1):

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

Emission Unit: 1-GENER
Process: GEN Source Classification Code: 3-10-004-11
Process Description:
Three generators burning diesel fuel and each is allowed
to operate under 500 hours per year.

Emission Source/Control: 00G03 - Combustion



Design Capacity: 1,000 kilowatts

Emission Source/Control: 00G04 - Combustion

Design Capacity: 1,500 kilowatts

Emission Source/Control: 00G05 - Combustion

Design Capacity: 1,500 kilowatts

Item 35.6(From Mod 1):

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

Emission Unit: 1-NGENG

Process: NG5

Source Classification Code: 2-02-002-02

Process Description: 500 KW Natural Gas Engine

Emission Source/Control: 00B5A - Combustion

Design Capacity: 500 kilowatts

**Condition 1-6: Process Permissible Emissions
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-7

Item 1-6.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit:

1-GENER

Process:

GEN

CAS No: 0NY210-00-0 (From Mod 1)

Name: OXIDES OF NITROGEN

PTE(s): 19 tons per year

**Condition 36: Required emission tests
Effective between the dates of 06/12/2007 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 202-1.1

Expired by Mod 1

Item 36.1:

This Condition applies to Emission Unit: 1-1MAIN

Item 36.2:

An acceptable report of measured emissions shall be submitted, if requested by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

**Condition 37: Compliance Certification
Effective between the dates of 06/12/2007 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc



Replaced by Condition(s) 1-7

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-1MAIN

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.50 percent by weight

Monitoring Frequency: PER DELIVERY

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 1-7: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc

Replaces Condition(s) 30, 37

Item 1-7.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-1MAIN

Process: OL3

Emission Unit: 1-1MAIN

Process: OL4

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an



during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 39: Compliance Certification

Effective between the dates of 06/12/2007 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc

Expired by Mod 1



Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GENER

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.50 percent by weight

Monitoring Frequency: PER DELIVERY

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 1-9: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.4204(a), NSPS Subpart III

Item 1-9.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 1-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a non-emergency pre-2007 model year stationary compression ignition (CI) internal combustion engine (ICE) with a displacement of less than



10 liters per cylinder and having a maximum engine power of greater than or equal to 130 kW (175 HP) must not exceed 11.4 g/kW-hr (8.5 g/HP-hr) of CO (carbon monoxide).

Compliance with this limit will be determined by conducting an initial performance test according to the requirements set forth in 40 CFR 60.4212. This requirement may be waived if the permittee can demonstrate compliance with the applicable emission limit by any of the following alternate methods listed below as per 40 CFR 60.4211(b)(1) thru (4):

- (1) Purchasing an engine certified according to 40 CFR part 89 or 40 CFR part 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.
- (2) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in 40 CFR 60, Subpart IIII and these methods must have been followed correctly.
- (3) Keeping records of engine manufacturer data indicating compliance with the standards.
- (4) Keeping records of control device vendor data indicating compliance with the standards.

Upper Permit Limit: 11.4 grams per kilowatt hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

Applicable Federal Requirement: 40CFR 60.4204(a), NSPS Subpart IIII

Item 1-10.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05



Regulated Contaminant(s):

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

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a non-emergency pre-2007 model year stationary compression ignition (CI) internal combustion engine (ICE) with a displacement of less than 10 liters per cylinder and having a maximum engine power of greater than or equal to 37 kW (50 HP) must not exceed 9.2 g/kW-hr (6.9 g/HP-hr) of NO_x (oxides of nitrogen). Compliance with this limit will be determined by conducting an initial performance test according to the requirements set forth in 40 CFR 60.4212. This requirement may be waived if the permittee can demonstrate compliance with the applicable emission limit by any of the following alternate methods listed below as per 40 CFR 60.4211(b)(1) thru (4):

- (1) Purchasing an engine certified according to 40 CFR part 89 or 40 CFR part 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.
- (2) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in 40 CFR 60, Subpart IIII and these methods must have been followed correctly.
- (3) Keeping records of engine manufacturer data indicating compliance with the standards.
- (4) Keeping records of control device vendor data indicating compliance with the standards.

Upper Permit Limit: 9.2 grams per kilowatt hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

Applicable Federal Requirement: 40CFR 60.4204(a), NSPS Subpart IIII



Item 1-11.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a non-emergency pre-2007 model year stationary compression ignition (CI) internal combustion engine (ICE) with a displacement of less than 10 liters per cylinder and having a maximum engine power of greater than or equal to 130 kW (175 HP) must not exceed 0.54 g/kW-hr (0.40 g/HP-hr) of PM (particulate matter). Compliance with this limit will be determined by conducting an initial performance test according to the requirements set forth in 40 CFR 60.4212. This requirement may be waived if the permittee can demonstrate compliance with the applicable emission limit by any of the following alternate methods listed below as per 40 CFR 60.4211(b)(1) thru (4):

- (1) Purchasing an engine certified according to 40 CFR part 89 or 40 CFR part 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.
- (2) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in 40 CFR 60, Subpart IIII and these methods must have been followed correctly.
- (3) Keeping records of engine manufacturer data indicating compliance with the standards.
- (4) Keeping records of control device vendor data indicating compliance with the standards.

Upper Permit Limit: 0.54 grams per kilowatt hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-12: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.4207(a), NSPS Subpart III

Item 1-12.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2007, the owner or operator of a stationary compression ignition internal combustion engine which is subject to the requirements of subpart III of 40 CFR Part 60 may not fire diesel fuel below a maximum aromatic content of 35 percent per gallon as referenced in 40 CFR Part 80.510(a). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the aromatic content for each shipment of diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: AROMATIC CONTENT

Upper Permit Limit: 35 percent

Monitoring Frequency: PER DELIVERY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.4207(b), NSPS Subpart IIII

Item 1-14.1:

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

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Item 1-14.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2010, the owner or operator of a stationary compression ignition internal combustion engine with a displacement of less than 30 liters per cylinder and which is subject to the requirements of subpart IIII of 40 CFR Part 60 may not fire diesel fuel below a maximum aromatic content of 35 percent per gallon as referenced in 40 CFR Part 80.510(b). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the aromatic content for each shipment of diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: AROMATIC CONTENT

Upper Permit Limit: 35 percent

Monitoring Frequency: PER DELIVERY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

Applicable Federal Requirement:40CFR 60.4207(b), NSPS Subpart IIII



Item 1-15.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G04

Emission Unit: 1-GENER

Process: GEN

Emission Source: 00G05

Item 1-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2010, the owner or operator of a stationary compression ignition internal combustion engine displacing less than 30 liters per cylinder and which is subject to the requirements of subpart IIII of 40 CFR Part 60 may not fire non-road diesel fuel which exceeds a sulfur content of 15 ppm per gallon as per 40 CFR Part 80.510(b). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the sulfur content or range of sulfur content for each shipment of non-road diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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



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 40: Contaminant List
Effective between the dates of 06/12/2007 and Permit Expiration Date**

Applicable State Requirement:ECL 19-0301

Item 40.1:

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

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

CAS No: 0NY210-00-0



Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

New York State Department of Environmental Conservation

Permit ID: 3-5520-00007/00006

Facility DEC ID: 3552000007

