



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6307-00290/00001
Effective Date: 09/10/2012 Expiration Date: 09/09/2017

Permit Issued To: LONG ISLAND JEWISH MEDICAL CENTER
270-05 76TH AVE
NEW HYDE PARK, NY 11040-1433

Contact: ROBERT RAIMONDI
LONG ISLAND JEWISH MEDICAL CENTER
270-05 76TH AVE
NEW HYDE PARK, NY 11040
(718) 470-7410

Facility: LONG ISLAND JEWISH MEDICAL CENTER-QUEENS
270-05 76TH AVE
NEW HYDE PARK, NY 11040

Description:

The facility operates three (3) boilers each with heat input capacity of 63.0 MMBTU/hr burning natural gas and number 2 oil and natural gas, seven (7) emergency generators burning number 2 oil, two cogen units with capacity of 1.4 MW burning natural gas, a dual use generator (emergency power back up engine) and three (3) exempt boilers each with maximum heat input of 6.3 mmbtu/hr.

The NOx emissions from all three boilers, each with heat input capacity of 63 MMBTU/hr are capped to under 25 tons per year to avoid New Source Review applicability under 6NYCRR Subpart 231-2.

This is a major facility since the facility wide NOx emissions are greater than 25 tons per year. and is subject to Part 201-6 requirements.

New York State Department of Environmental Conservation
Facility DEC ID: 2630700290



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: JOHN F CRYAN
 NYSDEC
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5407

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
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal -
REGION 2 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: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before 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 to the Department for approval.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation

Permit ID: 2-6307-00290/00001

Facility DEC ID: 2630700290



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: LONG ISLAND JEWISH MEDICAL CENTER
270-05 76TH AVE
NEW HYDE PARK, NY 11040-1433

Facility: LONG ISLAND JEWISH MEDICAL CENTER-QUEENS
270-05 76TH AVE
NEW HYDE PARK, NY 11040

Authorized Activity By Standard Industrial Classification Code:
8062 - GENERAL MEDICAL & SURGICAL HOSPITALS

Permit Effective Date: 09/10/2012

Permit Expiration Date: 09/09/2017



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- *23 6 NYCRR 201-7.1: Capping Monitoring Condition
- 24 6 NYCRR 211.1: Air pollution prohibited
- 25 6 NYCRR 225.1 (a) (3): Compliance Certification
- 26 6 NYCRR 225.7 (a): Compliance Certification
- 27 6 NYCRR 227-1.3 (a): Compliance Certification
- 28 40CFR 63, Subpart ZZZZ: Engines at Area sources of HAP

Emission Unit Level

- 29 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 30 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 31 6 NYCRR 201-7.1: Emission Unit Permissible Emissions
- 32 6 NYCRR 201-7.1: Process Permissible Emissions

EU=E-MRGEN,Proc=EMG,ES=EMRG1

- 33 40CFR 60.4205(b), NSPS Subpart IIII: Compliance Certification

EU=U-000CP

- 34 6 NYCRR 227-2.6 (c): Compliance Certification
- 35 6 NYCRR 227.2 (b) (1): Compliance Certification
- 36 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Certification
- 37 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Certification
- 38 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification



- 39 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 40 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification
- 41 40CFR 60.48c(j), NSPS Subpart Dc: Reporting period

EU=U-000CP,Proc=1CF,ES=00CP1

- 42 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification

EU=U-000CP,Proc=1CG,ES=00CG1

- 43 40CFR 63.6590(a)(2), Subpart ZZZZ: Applicability of new RICE at an area source of HAP
- 49 40CFR 63.6595(a)(7), Subpart ZZZZ: Compliance Dates for new RICE at an area source of HAP

EU=U-000CP,Proc=1CG,ES=01CG1

- 44 40CFR 63.6590(a)(2), Subpart ZZZZ: Applicability of new RICE at an area source of HAP
- 50 40CFR 63.6595(a)(7), Subpart ZZZZ: Compliance Dates for new RICE at an area source of HAP

EU=U-000CP,Proc=1CG,ES=01CG2

- 45 40CFR 63.6590(a)(2), Subpart ZZZZ: Applicability of new RICE at an area source of HAP
- 51 40CFR 63.6595(a)(7), Subpart ZZZZ: Compliance Dates for new RICE at an area source of HAP

EU=U-000CP,Proc=2CF,ES=00CP2

- 46 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification

EU=U-000CP,Proc=2CG,ES=00CG2

- 47 40CFR 63.6590(a)(2), Subpart ZZZZ: Applicability of new RICE at an area source of HAP
- 52 40CFR 63.6595(a)(7), Subpart ZZZZ: Compliance Dates for new RICE at an area source of HAP

EU=U-000CP,Proc=3CF,ES=00CP3

- 48 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification

EU=U-000CP,EP=000CP

- 53 6 NYCRR 227-1.3: Compliance Certification
- 54 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification

EU=U-000CP,EP=000CP,Proc=1CF

- 55 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.

EU=U-000CP,EP=000CP,Proc=1CF,ES=00CP1

- 56 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 57 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Certification

EU=U-000CP,EP=000CP,Proc=2CF

- 58 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate



matter and opacity standards.

EU=U-000CP,EP=000CP,Proc=2CF,ES=00CP2

- 59 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 60 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Certification

EU=U-000CP,EP=000CP,Proc=3CF

- 61 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.

EU=U-000CP,EP=000CP,Proc=3CF,ES=00CP3

- 62 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 63 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Certification

EU=U-GENCP,EP=000G1,Proc=CF3,ES=0GEN1

- 64 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 65 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 66 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification
- 67 40CFR 60.4204(a), NSPS Subpart III: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 68 ECL 19-0301: Contaminant List
- 69 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 70 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 71 6 NYCRR 211.2: Visible Emissions Limited
- 72 6 NYCRR 227-2.4 (d): Compliance Demonstration

Emission Unit Level

EU=U-000CP,Proc=1CG,ES=00CG1

- 73 6 NYCRR 227-2.4 (d): Compliance Demonstration

EU=U-000CP,Proc=2CG,ES=00CG2

- 74 6 NYCRR 227-2.4 (d): Compliance Demonstration

EU=U-000CP,EP=000CP

- 75 6 NYCRR 227-2.5 (a): Compliance Demonstration

EU=U-000CP,EP=000CP,Proc=1CG,ES=00CG1

- 76 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration

EU=U-000CP,EP=000CP,Proc=2CG,ES=00CG2

- 77 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration

EU=U-GENCP,EP=000G1,Proc=CF3,ES=0GEN1

- 78 6 NYCRR 227-2.5 (c): Compliance Demonstration

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 - 6 NYCRR 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 - 6 NYCRR 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 6 NYCRR 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 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 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 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 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 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 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 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 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 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.

**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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 6 NYCRR 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 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 6 NYCRR 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.
- (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.

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.

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 10/30/2012.



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

Condition 6: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 6 NYCRR 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 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
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

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 10/30/2012.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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.



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

Condition 8: Recordkeeping requirements
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 - Prohibitions
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a



religious ceremony.

(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.

(i) Prescribed burns performed according to Part 194 of this Title.

(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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.

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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, 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 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 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



Condition 21: Recycling and Emissions Reduction
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: E-MRGEN

Emission Unit Description:

Six emergency generators not included in any other emission unit.

Item 22.2:

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

Emission Unit: U-000CP

Emission Unit Description:

Three (3) boilers with emission sources 00CP1, 00CP2, 00CP3 combined to one (1) stack, emission point 000CP.

Two cogeneration systems; sources 00CG1 and 00CG2 exhausting through the existing stack, emission point 000CP. Each of these sources is equipped with catalytic oxidation controls, designated as 01CG1 02CG2 respectively.

Building(s): CENTRAL

Item 22.3:

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

Emission Unit: U-GENCP

Emission Unit Description:

This emission unit includes one dual-use generator (emergency and assist for the cogen units); designated as 0GEN1, exhausting to emission point 000G1.

Building(s): CENTRAL



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

Item 23.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The NOx (Oxides of Nitrogen) emissions are capped at 43.92 tons per year on a 12-month rolling basis to avoid New Source Review Applicability of 6NYCRR Subpart 231-2. This figure is derived from the current facility capping of 21.42 tons per year plus the NEI of 22.5 tons per year, see bellow.

NEI = PEP + CEI - ERCs

NEI: The aggregate increase in emissions of a nonattainment contaminant in tons per year at an existing major facility.

PEP: Project Emission Potential for the proposed source project =

= (NOx from the existing emergency generator U-0EGCP increase - the prior allowable) + [(NOx from prior allowable U-000CP boiler emissions + max PTE for U-GENCP: two cogeneration systems and one dual-use generator) - prior actual emission from boilers U000CP] =

= (5.1 - 1.3) + ((21.42 + 19.92 + 1.74) - 20.7)

= 26.18

CEI: Creditable Emission Increase =

= any increase in emissions of a nonattainment contaminant in tons per year from an emission unit at an existing facility, other than such an increase from the proposed source project.

= prior allowable NOx for existing three Central Plant boilers each rated at 66.64 MMBtu/hr and emergency generator, sources began operation in the summer 2003 =

= 21.42 + 1.7



$$= 23.12$$

ERCs: Emission Reduction Credits =

= any decrease in emission of a nonattainment contaminant in ton per year, on or after 11/15/1990 = reductions from five (5) Utility boilers which ceased operations July 31, 2003 and subsequently removed from site. Baseline period from 2001 and 2002 emissions =

$$47.65$$

$$NEI = 26.18 = 23.12 - 47.65 =$$

$$= 1.65$$

NEI is < 25 tons, therefore the facility is not subject to NSR.

The facility proposes to use 26.8 tons of ERCs for netting, resulting in an excess of 20.85 tons ERCs to be retained by the facility for future use.

$$\text{Therefore, } NEI = 26.18 + 23.12 - 26.8 = 22.5$$

The owner or operator shall maintain record of the quantity of fuel burned by the three Nebraska boilers each with heat input of 66.4 mmbtu/hr (emission sources 00CP1, 00CP2 and, 00CP3) the two cogeneration units (emission sources 00CG1 and 00CG2), the assist engine (emission source 0GEN1) as emergency and assist, the existing emergency generator (emission source EGEN1) not previously permitted and calculate the NOx emissions based on the type and quantity of fuel, burned using the following formula:

$$R(0.075) + D(0.02) + G(100) + \text{COGEN} + \text{AE} + \text{EEG} < 47 \text{ tpy}$$

Where:

For the three Nebraska boilers, emission sources 00CP1, 00CP2 and, 00CP3:

R = 12-month rolling total of residual oil fired in gallons/yr.

D = 12-month rolling total of distillate oil fired in gallons/yr.

G = 12-month rolling total of natural gas fired in MMSCF/yr.



0.75 = emission factor, pound of NO_x per gallon residual oil fired.
0.02 = emission factor, pound of NO_x per gallon distillate oil fired.
100 = emission factor, pound of NO_x per MMSCF.

For the two cogeneration units, emission sources 01CG1 and 01CG2:

COGEN = (hours of operation) * (manufacturer's emission guarantee of 0.525 g/bhp-hr) * 2 engines * bhp / engine) * (1 lb / 453 gr) * (1 ton / 2000 lbs)

For the assist engine (dual use engine), emission source 0GEN1:

AE = hours of operation * mmbtu/hr * 3.2 lbs/ mmbtu * (1 ton / 2000 lbs)

For the existing emergency generator not previously permitted, emission source EGEN1:

EEG = hours of operation * gallons of oil burned / hours of operation * 0.142 mmBtu/ gallon * 3.2 lbs/mmbtu * (1 ton / 2000 lbs)

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 43.92 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 24: Air pollution prohibited
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 211.1

Item 24.1:
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.

Condition 25: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017



Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has sulfur content greater than 0.20 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.20 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 26: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 225.7 (a)

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.



Monitoring Frequency: PER DELIVERY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

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 6 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

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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: 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 10/30/2012.
Subsequent reports are due every 6 calendar month(s).

**Condition 28: Engines at Area sources of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 28.1:

Internal combustion engines, constructed or re-constructed on or after June 12, 2006, that meet the requirements of 40 CFR 60 Subpart IIII or Subpart JJJJ meet the requirements of 40 CFR 63 Subpart ZZZZ.

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

**Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 29.1:

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

Emission Unit: U-000CP

Emission Point: 000CP

Height (ft.): 135

Diameter (in.): 96

NYTMN (km.): 4513.

NYTME (km.): 608.9

Building: CENTRAL

Item 29.2:

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

Emission Unit: U-GENCP

Emission Point: 000G1

Height (ft.): 42

Diameter (in.): 16

NYTMN (km.): 4512.277

NYTME (km.): 609.032

Building: CENTRAL



Item 29.3:

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

Emission Unit: U-OEGCP

Emission Point: 00EG1

Height (ft.): 42

Diameter (in.): 16

NYTMN (km.): 4512.277 NYTME (km.): 609.032

Condition 30: Process Definition By Emission Unit
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 30.1:

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

Emission Unit: E-MRGEN

Process: EMG

Source Classification Code: 2-03-001-01

Process Description: Diesel #2 oil

Emission Source/Control: EMRG1 - Combustion

Design Capacity: 2,000 kilowatts

Emission Source/Control: EMRG2 - Combustion

Design Capacity: 725 kilowatts

Emission Source/Control: EMRG3 - Combustion

Design Capacity: 725 kilowatts

Emission Source/Control: EMRG4 - Combustion

Design Capacity: 725 kilowatts

Emission Source/Control: EMRG5 - Combustion

Design Capacity: 725 kilowatts

Emission Source/Control: EMRG6 - Combustion

Design Capacity: 400 kilowatts

Item 30.2:

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

Emission Unit: U-000CP

Process: 1CF

Source Classification Code: 1-03-005-02

Process Description: FIRING NUMBER 2 FUEL OIL.

Emission Source/Control: 00CP1 - Combustion

Design Capacity: 63 million Btu per hour

Item 30.3:

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



Emission Unit: U-000CP
Process: 1CG Source Classification Code: 2-03-002-04
Process Description: FIRING NATURAL GAS.

Emission Source/Control: 00CG1 - Combustion
Design Capacity: 1,426 kilowatts

Emission Source/Control: 00CP1 - Combustion
Design Capacity: 63 million Btu per hour

Emission Source/Control: 01CG1 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 01CG2 - Control
Control Type: CATALYTIC OXIDATION

Item 30.4:

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

Emission Unit: U-000CP
Process: 2CF Source Classification Code: 1-03-005-02
Process Description: FIRING NUMBER 2 FUEL OIL.

Emission Source/Control: 00CP2 - Combustion
Design Capacity: 63 million Btu per hour

Item 30.5:

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

Emission Unit: U-000CP
Process: 2CG Source Classification Code: 2-03-002-04
Process Description: FIRING NATURAL GAS.

Emission Source/Control: 00CG2 - Combustion
Design Capacity: 1,426 kilowatts

Emission Source/Control: 00CP2 - Combustion
Design Capacity: 63 million Btu per hour

Item 30.6:

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

Emission Unit: U-000CP
Process: 3CF Source Classification Code: 1-03-005-02
Process Description: FIRING NUMBER 2 FUEL OIL.

Emission Source/Control: 00CP3 - Combustion
Design Capacity: 63 million Btu per hour

Item 30.7:

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



Emission Unit: U-000CP
Process: 3CG Source Classification Code: 1-03-006-02
Process Description: FIRING NATURAL GAS.

Emission Source/Control: 00CP3 - Combustion
Design Capacity: 63 million Btu per hour

Item 30.8:

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

Emission Unit: U-GENCP
Process: CF3 Source Classification Code: 2-03-001-01
Process Description: Firing No. 2 oil.

Emission Source/Control: 0GEN1 - Combustion
Design Capacity: 2,000 kilowatts

Item 30.9:

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

Emission Unit: U-OEGCP
Process: ECF Source Classification Code: 2-03-001-01
Process Description: Firing no. 2 fuel oil.

Emission Source/Control: EGEN1 - Combustion
Design Capacity: 2,000 kilowatts

**Condition 31: Emission Unit Permissible Emissions
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 31.1:

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: U-000CP

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 15.94 pounds per hour
42,800 pounds per year

Emission Unit: U-GENCP

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 71.57 pounds per hour
43,316.2 pounds per year

Emission Unit: U-OEGCP

New York State Department of Environmental Conservation

Permit ID: 2-6307-00290/00001

Facility DEC ID: 2630700290



CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 67.02 pounds per hour

10,053.6 pounds per year

Condition 32: Process Permissible Emissions
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 32.1:

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: U-OEGCP Process: ECF

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 67.02 pounds per hour

10,053.6 pounds per year

Condition 33: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.4205(b), NSPS Subpart IIII

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: E-MRGEN

Process: EMG

Emission Source: EMRG1

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a 2007 model year or later emergency stationary compression ignition (CI) internal combustion engine with a maximum engine power less than or equal to 2,237 kW (3,000 HP) that is not a fire pump engine and has a displacement of less than 10 liters/cylinder will require certification to the following emission standards:

1. For engines with a maximum engine power less than 37 kW (50 HP):
 - 2007 model year engines - emission standards specified in 40 CFR 89.112 and 40CFR 89.113, as applicable,
 - 2008 model year and later - emission standards

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specified in 40 CFR 1039.104, 40 CFR 1039.105, 40 CFR 1039.107, and 40 CFR 1039.115, as applicable.

2. For engines with a maximum engine power greater than or equal to 37 kW (50 HP):
 - 2007 model year and later - emission standards specified in 40 CFR 89.112 and 40CFR 89.113, as applicable, for all pollutants, for the same model year and maximum engine power.

Compliance with this requirement will be established by purchasing an engine certified to the applicable emission standard referenced above and installed and configured according to the manufacturer's specifications. Records documenting these actions must be 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 10/30/2012.

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

Condition 34: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 6 NYCRR 227-2.6 (c)

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Regulated Contaminant(s):

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mid size boilers, emission sources 00CP1, 00CP2, 00CP burning oil/gas subject to section 227-2.4(c)(1)(ii) meet the NOx emission limit of 0.08 pounds NOx per million Btu on or after July 1, 2014, may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in section 227-2.4(c)(1)(ii) of 0.08 pounds NOx per million Btu



The applicant is proposing to use the 2010 stack test results of these sources and limit the use of oil to 20% of the time, on an hourly basis, or less as follows:

$0.67 \text{ lbs/mmbtu} * 80\% \text{ operation on gas} + 0.118 \text{ lbs/mmbtu} * 20\% \text{ operation on distillate oil} = 0.07967 \text{ lbs/mmbtu}$

Where 0.67 lbs/mmbtu of NO_x and 0.118 lbs/mmbtu of NO were the highest 2010 stack test results operating on gas and oil respectively.

The applicant shall maintain on a daily basis the hours of operation of these emission sources operating on gas and on oil and calculate using the above formula the NO_x emissions limit.

Emission test requirements. The owner or operator of the emission sources mentioned above is required to conduct an emission test and must:

(1) submit a compliance test protocol to the department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department; and

(2) follow the procedures set forth in Part 202 of this Title and use the following procedures set forth in 40 CFR part 60, appendix A, or any other method acceptable to the department and the administrator for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart and stated in this permit condition:

(i) mid-size boilers, use method 7, 7E, or 19 from 40 CFR part 60, appendix A;

(3) submit a compliance test report containing the results of the emission test to the department for approval no later than 60 days after completion of the emission test.

Upper Permit Limit: 0.08 pounds per million Btus
Reference Test Method: Method 7, 7E, or 19 from 40 CFR part 60
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.



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

Condition 35: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The two hour average emission of particulates from each stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Within 180 days of the issuance of the Title V Permit, the owner/operator shall submit to the department a plan showing how compliance with the particulates emissions limit is achieved.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 2-HOUR BLOCK AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Item 36.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(c), NSPS Subpart Dc

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 38: Compliance Certification



Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- i) The name of the oil supplier, and
- ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.
- iii) The sulfur content or maximum sulfur content of the oil.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(g), NSPS Subpart Dc

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Item 39.2:

Compliance Certification shall include the following monitoring:

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Facility DEC ID: 2630700290



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 40: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(i), NSPS Subpart Dc

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record, for determining compliance with the NSPS requirements.

**** NOTE**** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 41: Reporting period
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.48c(j), NSPS Subpart Dc

Item 41.1:

This Condition applies to Emission Unit: U-000CP

Item 41.2: The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th

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day following the end of the reporting period

Condition 42: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Process: 1CF

Emission Source: 00CP1

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 42.2:

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: 0.5 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 10/30/2012.

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

Condition 43: Applicability of new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 63.6590(a)(2), Subpart ZZZZ

Item 43.1:

This Condition applies to Emission Unit: U-000CP

Process: 1CG

Emission Source: 00CG1

Item 43.2:

A stationary reciprocating internal combustion engine (RICE) located at an area source of HAP emissions is new if construction or reconstruction commenced on or after June 12, 2006.

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**Condition 49: Compliance Dates for new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6595(a)(7), Subpart ZZZZ

Item 49.1:

This Condition applies to Emission Unit: U-000CP
Process: 1CG Emission Source: 00CG1

Item 49.2:

If the facility starts up a new or reconstructed stationary RICE located at an area source of HAP emissions after January 18, 2008, the facility must comply with the applicable emission limitations and operating limitations in subpart ZZZZ upon startup.

**Condition 44: Applicability of new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6590(a)(2), Subpart ZZZZ

Item 44.1:

This Condition applies to Emission Unit: U-000CP
Process: 1CG Emission Source: 01CG1

Item 44.2:

A stationary reciprocating internal combustion engine (RICE) located at an area source of HAP emissions is new if construction or reconstruction commenced on or after June 12, 2006.

**Condition 50: Compliance Dates for new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6595(a)(7), Subpart ZZZZ

Item 50.1:

This Condition applies to Emission Unit: U-000CP
Process: 1CG Emission Source: 01CG1

Item 50.2:

If the facility starts up a new or reconstructed stationary RICE located at an area source of HAP emissions after January 18, 2008, the facility must comply with the applicable emission limitations and operating limitations in subpart ZZZZ upon startup.

**Condition 45: Applicability of new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6590(a)(2), Subpart ZZZZ

Item 45.1:

This Condition applies to Emission Unit: U-000CP
Process: 1CG Emission Source: 01CG2

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Item 45.2:

A stationary reciprocating internal combustion engine (RICE) located at an area source of HAP emissions is new if construction or reconstruction commenced on or after June 12, 2006.

**Condition 51: Compliance Dates for new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6595(a)(7), Subpart ZZZZ

Item 51.1:

This Condition applies to Emission Unit: U-000CP
Process: 1CG Emission Source: 01CG2

Item 51.2:

If the facility starts up a new or reconstructed stationary RICE located at an area source of HAP emissions after January 18, 2008, the facility must comply with the applicable emission limitations and operating limitations in subpart ZZZZ upon startup.

**Condition 46: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017**

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

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP
Process: 2CF Emission Source: 00CP2

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

Item 46.2:

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: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 10/30/2012.
Subsequent reports are due every 6 calendar month(s).

**Condition 47: Applicability of new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6590(a)(2), Subpart ZZZZ

Item 47.1:

This Condition applies to Emission Unit: U-000CP
Process: 2CG Emission Source: 00CG2

Item 47.2:

A stationary reciprocating internal combustion engine (RICE) located at an area source of HAP emissions is new if construction or reconstruction commenced on or after June 12, 2006.

**Condition 52: Compliance Dates for new RICE at an area source of HAP
Effective between the dates of 09/10/2012 and 09/09/2017**

Applicable Federal Requirement:40CFR 63.6595(a)(7), Subpart ZZZZ

Item 52.1:

This Condition applies to Emission Unit: U-000CP
Process: 2CG Emission Source: 00CG2

Item 52.2:

If the facility starts up a new or reconstructed stationary RICE located at an area source of HAP emissions after January 18, 2008, the facility must comply with the applicable emission limitations and operating limitations in subpart ZZZZ upon startup.

**Condition 48: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017**

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

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP
Process: 3CF Emission Source: 00CP3

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

Item 48.2:

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

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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: 0.5 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 10/30/2012.

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

Condition 53: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Emission Point: 000CP

Item 53.2:

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.

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER HOUR

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 54: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 6 NYCRR 227-2.4 (c) (1) (i)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Emission Point: 000CP

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

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Permit ID: 2-6307-00290/00001

Facility DEC ID: 2630700290



Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.12 pounds per million Btus

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

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 10/30/2012.

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

Condition 55: Enforceability of particulate matter and opacity standards.

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 55.1:

This Condition applies to Emission Unit: U-000CP Emission Point: 000CP
Process: 1CF

Item 55.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 56: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP
Process: 1CF

Emission Point: 000CP
Emission Source: 00CP1

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Item 56.2:

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 §60.8 of this part, 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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 57: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement: 40CFR 60.44c(h), NSPS Subpart Dc

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Emission Point: 000CP

Process: 1CF

Emission Source: 00CP1

Item 57.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN

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ACCORDANCE WITH THE PROVISIONS OF 40 CFR
60.48c(f)(1), (2), AND (3), AS
APPLICABLE.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 58: Enforceability of particulate matter and opacity standards.

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 58.1:

This Condition applies to Emission Unit: U-000CP Emission Point: 000CP
Process: 2CF

Item 58.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 59: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP Emission Point: 000CP
Process: 2CF Emission Source: 00CP2

Item 59.2:

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 §60.8 of this part, 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

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more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP	Emission Point: 000CP
Process: 2CF	Emission Source: 00CP2

Item 60.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR 60.48c(f)(1), (2), AND (3), AS APPLICABLE.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 61: Enforceability of particulate matter and opacity standards.
Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 61.1:

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This Condition applies to Emission Unit: U-000CP Emission Point: 000CP
Process: 3CF

Item 61.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 62: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP
Process: 3CF

Emission Point: 000CP
Emission Source: 00CP3

Item 62.2:

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 §60.8 of this part, 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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 63: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

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Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-000CP

Emission Point: 000CP

Process: 3CF

Emission Source: 00CP3

Item 63.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR 60.48c(f)(1), (2), AND (3), AS APPLICABLE.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-GENCP

Emission Point: 000G1

Process: CF3

Emission Source: 0GEN1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 64.2:

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.

The initial report is due 10/30/2012.

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

Condition 65: Compliance Certification

Effective between the dates of 09/10/2012 and 09/09/2017

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

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-GENCP
Process: CF3

Emission Point: 000G1
Emission Source: 0GEN1

Regulated Contaminant(s):

CAS No: 0NY508-00-1 40 CFR 60 SUBPART IIII - HYDROCARBONS



Item 65.2:

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 1.3 g/kW-hr (1.0 g/HP-hr) of HC (hydrocarbons). 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: 1.3 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.

The initial report is due 10/30/2012.

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

Condition 66: Compliance Certification
Effective between the dates of 09/10/2012 and 09/09/2017

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



Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-GENCP Emission Point: 000G1
Process: CF3 Emission Source: 0GEN1

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

Item 66.2:

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)

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(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.

The initial report is due 10/30/2012.

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 68: Contaminant List
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:ECL 19-0301

Item 68.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



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

CAS No: 0NY075-00-0
Name: PARTICULATES

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

CAS No: 0NY508-00-1
Name: 40 CFR 60 SUBPART IIII - HYDROCARBONS

Condition 69: Unavoidable noncompliance and violations
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 201-1.4

Item 69.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant 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 70: Unavoidable noncompliance and violations
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 201-1.4

Item 70.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports

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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 71: Visible Emissions Limited
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 211.2

Item 71.1:

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 72: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 227-2.4 (d)

Item 72.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 72.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 12 calendar month(s).

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Condition 73: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 227-2.4 (d)

Item 73.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-000CP

Process: 1CG

Emission Source: 00CG1

Regulated Contaminant(s):

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

Item 73.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 74: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 227-2.4 (d)

Item 74.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-000CP

Process: 2CG

Emission Source: 00CG2

Regulated Contaminant(s):



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

Item 74.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2012.

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

Condition 75: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement:6 NYCRR 227-2.5 (a)

Item 75.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-000CP

Emission Point: 000CP

Regulated Contaminant(s):

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

Item 75.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Mid size boilers, emission sources 00CP1, 00CP2, 00CP burning oil/gas subject to section 227-2.4(c)(1)(ii) meet the NOx emission limit of 0.08 pounds NOx per million Btu on or after July 1, 2014, may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in section 227-2.4(c)(1)(ii) of 0.08 pounds NOx per million Btu

The applicant is proposing to use the 2010 stack test results of these sources and limit the use of oil to 20%



of the time, on an hourly basis, or less as follows:

$0.67 \text{ lbs/mmbtu} * 80\% \text{ operation on gas} + 0.118 \text{ lbs/mmbtu} * 20\% \text{ operation on distillate oil} = 0.07967 \text{ lbs/mmbtu}$

Where 0.67 lbs/mmbtu of NO_x and 0.118 lbs/mmbtu of NO were the highest 2010 stack test results operating on gas and oil respectively.

The applicant shall maintain on a daily basis the hours of operation of these emission sources operating on gas and on oil and calculate using the above formula the NO_x emissions limit.

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 10/30/2012.

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

Condition 76: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement: 6 NYCRR 227-2.4 (f) (1)

Item 76.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-000CP Emission Point: 000CP
Process: 1CG Emission Source: 00CG1

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

Item 76.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five

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years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 1.5 grams per brake horsepower-hour
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
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 10/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement: 6 NYCRR 227-2.4 (f) (1)

Item 77.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-000CP	Emission Point: 000CP
Process: 2CG	Emission Source: 00CG2

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

Item 77.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 1.5 grams per brake horsepower-hour
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
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 10/30/2012.
Subsequent reports are due every 6 calendar month(s).



Condition 78: Compliance Demonstration
Effective between the dates of 09/10/2012 and 09/09/2017

Applicable State Requirement: 6 NYCRR 227-2.5 (c)

Item 78.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-GENCP Emission Point: 000G1
Process: CF3 Emission Source: 0GEN1

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

Item 78.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Based on the June 20, 2007 NO_x RACT variance request due to economic and technological reasons, an alternative RACT emission limit of 6.5 grams per brake horsepower-hr has been approved by the department. Based on stack test results a request to amend this limit to 6.5 gr/bhp-hr was made on June 26, 2009, and approved by this permit.

Stack testing will be required in order to demonstrate compliance with the regulatory standard. The owner or operator must submit a stack test protocol to the Department for approval prior to testing. The owner or operator shall submit stack test results, to the Department for approval, within 60 days of stack test completion.

Upper Permit Limit: 6.5 grams per brake horsepower-hour

Reference Test Method: EPA

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT
ANY TIME

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

