



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6107-00141/00013
Effective Date: 01/05/2012 Expiration Date: No expiration date

Permit Issued To: WARBASSE HOUSES INC
2800 WEST 5TH ST
BROOKLYN, NY 11224-4626

Contact: ROCHELLE CAPTAN
AMALGAMATED WARBASSE HOUSES INC
2800 WEST 5TH ST
BROOKLYN, NY 11224
(718) 266-9000

Facility: WARBASSE HOUSES & POWER PLANT
2701 WEST 6TH ST
BROOKLYN, NY 11224

Contact: ROCHELLE CAPTAN
AMALGAMATED WARBASSE HOUSES INC
2800 WEST 5TH ST
BROOKLYN, NY 11224
(718) 266-9000

Description:
Warbasse Cogeneration Facility will consist of two high-pressure steam boilers and three diesel-fired internal combustion engines to provide emergency power. The facility supplies steam heat, hot water, chilled water and electricity to the 8,000 residents of the nearby Amalgamated Warbasse Housing complex.

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 ******
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 prior to actual transfer of ownership.



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: 2-6107-00141/00013

Facility DEC ID: 2610700141



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To:WARBASSE HOUSES INC
2800 WEST 5TH ST
BROOKLYN, NY 11224-4626

Facility: WARBASSE HOUSES & POWER PLANT
2701 WEST 6TH ST
BROOKLYN, NY 11224

Authorized Activity By Standard Industrial Classification Code:
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date: 01/05/2012
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 3 6 NYCRR 211.1: Air pollution prohibited
- 4 6 NYCRR 225.1 (a) (3): Compliance Demonstration
- 5 6 NYCRR 225.1 (a) (3): Compliance Demonstration
- 6 6 NYCRR 225.7 (a): Compliance Demonstration
- 7 40CFR 60.4206, NSPS Subpart IIII: Duration of emission standards for new stationary compression ignition IC engines
- 8 40CFR 60.4208, NSPS Subpart IIII: Stationary CI-IC Engines - Installation and importing deadlines for engines produced in the previous model year
- 9 40CFR 60.4211(a), NSPS Subpart IIII: Compliance Demonstration
- 10 40CFR 60.4211(c), NSPS Subpart IIII: Compliance Demonstration
- 11 40CFR 60.4218, NSPS Subpart IIII: General Provisions

Emission Unit Level

- 12 6 NYCRR 227.2 (b) (1): Compliance Demonstration

EU=U-FAC01

- 13 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 14 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 15 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 16 40CFR 60.44b(l)(1), NSPS Subpart Db: Compliance Demonstration
- 17 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=U-FAC05,Proc=P11,ES=GEN07

- 18 40CFR 60.4205(b), NSPS Subpart IIII: Compliance Demonstration
- 19 40CFR 60.4207(b), NSPS Subpart IIII: Compliance Demonstration
- 20 40CFR 60.4207(b), NSPS Subpart IIII: Compliance Demonstration
- 21 40CFR 60.4209(a), NSPS Subpart IIII: Compliance Demonstration
- 22 40CFR 60.4211(e), NSPS Subpart IIII: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 23 ECL 19-0301: Contaminant List
- 24 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 25 6 NYCRR Subpart 201-5: Emission Unit Definition
- 26 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 27 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 28 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

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

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

Item E: 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 F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Facility Permissible Emissions



Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0

PTE: 45,000 pounds per year

Name: OXIDES OF NITROGEN

Condition 2: Capping Monitoring Condition

Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2.1:

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

6 NYCRR 201-6.1

Item 2.2:

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

Item 2.3:

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

Item 2.4:

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

Item 2.5:

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

Item 2.6:

The Compliance Demonstration activity will be performed for the Facility.



Regulated Contaminant(s):

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

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility wide total NO_x emissions will be limited to 24.9 tpy, based on 365 past consecutive day rolling total, calculated daily.

Boiler and engine fuel usage will be logged daily and annual (past 365 days) total NO_x emissions will be calculated on daily basis and records will be maintained for 5 years.

Boiler 3: Track and record daily fuel usage, emission rating for natural gas: 0.103 lb/mmBtu (based on September 2011 stack test)
HHV (heating value): 1.035 mmBtu/Dth
emission rating for No. 6 fuel oil: 0.287 lb/mmBtu, HHV (heating value): 0.15 mmBtu/gal

Boiler 4: Boiler 4 is equipped with Continuous Emission Monitoring System (CEMS)
emission rating for natural gas: 0.04 lb/mmBtu (vendor guaranteed)
emission rating for No. 2 fuel oil: 0.10 lb/mmBtu (vendor guaranteed)

Engines 5 and 6:
Maximum fuel firing rate: 114.3 Gal/hr, emission factor for NO_x: 3.2 lb/mmBtu (source: AP-42), operation limited to 8000 MBtu/yr for Engine 5, and 8000 MBtu/yr for Engine 6.

Engine 7:
Maximum fuel firing rate: 147.2 Gal/hr, emission factor for NO_x: 1.53 lb/mmBtu (source: vendor guarantee)
operation limited to 10,311 MBtu/yr for Engine 7

Emission Calculation:

Boiler 3 fuel used x fuel emission factor + Boiler 4 fuel used x fuel emission factor + Engine 5 fuel used x fuel emission factor + Engine 6 fuel used x fuel emission

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factor + Engine 7 fuel used x fuel emission factor < 24.9
tpy of Oxides of Nitrogen emissions.

Process Material: FUEL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.9 tons per year

Reference Test Method: EPA approved

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 3: Air pollution prohibited
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 3.1:

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 4: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 4.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 4.2:

Compliance Demonstration 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

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Upper Permit Limit: 0.20 percent by weight
Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 5: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 5.2:

Compliance Demonstration 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 residual oil which has sulfur content greater than 0.30 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: NUMBER 6 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225.7 (a)

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 7: Duration of emission standards for new stationary compression ignition IC engines
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4206, NSPS Subpart IIII

Item 7.1:

Owners and operators of a stationary compression ignition internal combustion engine (CI ICE) must operate and maintain the stationary CI ICE that achieves the emission standards as required in §§60.4204 and 60.4205 according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine.

Condition 8: Stationary CI-IC Engines - Installation and importing deadlines for engines produced in the previous model year
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4208, NSPS Subpart IIII

Item 8.1:

Owners or operators are subject to the following deadlines for importing or installing stationary compression ignition internal combustion (CI-IC) engines produced in the previous model year:
(a) After December 31, 2008, owners and operators may not install stationary CI ICE (excluding fire pump engines) that do not meet the applicable requirements for 2007 model year engines.

(b) After December 31, 2009, owners and operators may not install stationary CI ICE with a maximum engine power of less than 19 KW (25 HP) (excluding fire pump engines) that do not meet the applicable requirements for 2008 model year engines.

(c) After December 31, 2014, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 19 KW (25 HP) and less than 56 KW (75 HP) that do not meet the applicable requirements for 2013 model year non-emergency engines.

(d) After December 31, 2013, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 56 KW (75 HP) and less than 130 KW (175 HP) that do not meet the applicable requirements for 2012 model year non-emergency engines.



(e) After December 31, 2012, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 130 KW (175 HP), including those above 560 KW (750 HP), that do not meet the applicable requirements for 2011 model year non-emergency engines.

(f) After December 31, 2016, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 560 KW (750 HP) that do not meet the applicable requirements for 2015 model year non-emergency engines.

(g) In addition to the requirements specified in §§60.4201, 60.4202, 60.4204, and 60.4205, it is prohibited to import a stationary CI IC engine with a displacement of less than 30 liters per cylinder that does not meet the applicable requirements specified in paragraphs (a) through (f) above after the dates specified in those paragraphs.

(h) The deadlines listed above do not apply to owners or operators of a stationary CI IC engine that has been modified, reconstructed, and does not apply to engines that were removed from one existing location and reinstalled at a new location.

Condition 9: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4211(a), NSPS Subpart IIII

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator and must comply with the emission standards specified in 40 CFR 60 Subpart IIII and must operate and maintain the stationary compression ignition internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, owners and operators may only change those settings that are permitted by the manufacturer. The owner or operator must also meet the requirements of 40 CFR parts 89, 94 and/or 1068.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 10: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.4211(c), NSPS Subpart III

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4204(b) or §60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in §60.4205(c), must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power.

The engine must be installed and configured according to the manufacturer's specifications.

The manufacturer's certification of compliance with the emission standards specified in 40 CFR 60 Subpart III for major pollutants will be sent to the Department prior to commencement of operation of the engines.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 11: General Provisions

Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4218, NSPS Subpart III

Item 11.1:

Table 8 of Subpart III shows which parts of the general provisions in §§60.1-60.19 (Subpart A) apply to any facility that is subject to 40 CFR 60, Subpart III.

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Condition 12: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 12.1:

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

Emission Unit: U-FAC01

Emission Unit: U-FAC02

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

At the monitoring frequency stated below the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 13: Excess Emissions Report
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 13.1:

This Condition applies to Emission Unit: U-FAC01

Item 13.2:

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

Condition 14: Facility files for subject sources.
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 14.1:

This Condition applies to Emission Unit: U-FAC01

Item 14.2:

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

Condition 15: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43b(f), NSPS Subpart Db

Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 15.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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The owner or operator shall not cause to be discharged into the atmosphere 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
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 16: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(1)(1), NSPS Subpart Db

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC01

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

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limitation for industrial boilers which fire coal, oil, natural gas, or a mixture of these fuels. All calendar quarter reports shall be submitted within 30 days after the end of the calendar quarter. All electronic reports shall be in a format acceptable to the Administrator (as specified in this Chapter) and accompanied by a certification statement.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.20 pounds per million Btus
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2012.
Subsequent reports are due every 3 calendar month(s).

Condition 17: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date



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

Item 17.1:

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

Emission Unit: U-FAC01	Emission Point: FAC01
Emission Unit: U-FAC02	Emission Point: FAC02
Emission Unit: U-FAC03	Emission Point: FAC03
Emission Unit: U-FAC04	Emission Point: FAC04
Emission Unit: U-FAC05	Emission Point: FAC05

Item 17.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

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

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

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

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department



determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 18: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC05

Process: P11

Emission Source: GEN07

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a 2007 through 2010 model year emergency stationary compression ignition (CI) internal combustion engine with a maximum engine power greater than 2,237 kW (3,000 HP) that are not fire pump engines and a displacement of less than 10 liters/cylinder will require certification to the following emission standards as per Table 1 to Subpart IIII of Part 60:

1.3 g/kW-hr (1.0 g/HP-hr) HC (hydrocarbons)
9.2 g/kW-hr (6.9 g/HP-hr) NOx (oxides of nitrogen)
11.4 g/kW-hr (8.5 g/HP-hr) CO (carbon monoxide)
0.54 g/kW-hr (0.40 g/HP-hr) PM (particulate matter)

Compliance with this requirement will be established by purchasing an engine certified to the emission standards listed above and having it installed and configured according to the manufacturer's specifications. Records documenting these actions must be kept on-site.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 19: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC05

Process: P11

Emission Source: GEN07

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: AROMATIC CONTENT

Upper Permit Limit: 35 percent

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 20: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date

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

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC05

Process: P11

Emission Source: GEN07

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 21: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.4209(a), NSPS Subpart III

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC05

Process: P11

Emission Source: GEN07

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary compression ignition IC engine must install and maintain a non-resettable hour meter prior to startup to monitor engine usage

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 22: Compliance Demonstration
Effective between the dates of 01/05/2012 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.4211(e), NSPS Subpart III

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-FAC05

Process: P11

Emission Source: GEN07

Item 22.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. Anyone may petition the Administrator for approval of additional

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hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. For owners and operators of emergency engines meeting standards under §60.4205 but not §60.4204, any operation other than emergency operation, and maintenance and testing as permitted in this section, is prohibited.

Parameter Monitored: ENGINE OPERATION

Upper Permit Limit: 100 hours per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ANNUAL TOTAL

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

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

Item B: 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 only enforceable.



Condition 23: Contaminant List

Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 23.1:

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

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

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

Condition 24: Unavoidable noncompliance and violations

Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 24.1:

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 25: Emission Unit Definition
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1:

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

Emission Unit: U-FAC01

Emission Unit Description:

High pressure steam boiler (OBL04) will be connected to emission unit UFAC01. Emission Unit UFAC01 vents to Emission point FAC01.

4/2007: All Combustion turbines retired.

6/2011:

Emission unit U-FAC01 represents dual fuel-fired high-pressure Boiler No. 4.

This emission unit will have an Emission Source ID of OBL04.

Building(s): POWERHOUSE

Item 25.2:

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

Emission Unit: U-FAC02

Emission Unit Description:

Emission unit consists of Boiler 3,(OBL03), which vents to Emission Point FAC02.

4/2007: All Combustion turbines retired.

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6/2011:

Emission unit U-FAC02 represents dual fuel-fired high-pressure Boiler No. 3. This emission unit will have an Emission Source ID of OBL03.

Building(s): POWERHOUSE

Item 25.3:

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

Emission Unit: U-FAC03

Emission Unit Description:

Emission unit U-FAC03 represents an emergency diesel engine generator set. The rated maximum capacity of the emergency diesel engine generator set is approximately 450 kW. This emission unit will have an Emission Source ID of GEN-01.

Building(s): POWERHOUSE

Item 25.4:

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

Emission Unit: U-FAC04

Emission Unit Description:

Emission unit U-FAC04 represents an emergency diesel engine generator set. The rated maximum capacity of the emergency diesel engine generator set is approximately 450 kW. This emission unit will have an Emission Source ID of GEN-02.

Building(s): POWERHOUSE

Item 25.5:

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

Emission Unit: U-FAC05

End Date: 11/01/2011

Emission Unit Description:

U-FAC05 consists of the new MTU Detroit Diesel 16V4000 G43 emergency generator diesel engine. Emission Unit U-FAC05 vents to new Emission Point FAC05. This emission unit will have an Emission Source ID of GEN-07.

Building(s): POWERHOUSE

Condition 26: Visible Emissions Limited



Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 26.1:

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.

**** Emission Unit Level ****

Condition 27: Emission Point Definition By Emission Unit
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 27.1:

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

Emission Unit: U-FAC01

Emission Point: FAC01

Height (ft.): 108

Diameter (in.): 72

NYTMN (km.): 4492.923 NYTME (km.): 586.833

Item 27.2:

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

Emission Unit: U-FAC02

Emission Point: FAC02

Height (ft.): 108

Diameter (in.): 72

NYTMN (km.): 4492.923 NYTME (km.): 586.833

Item 27.3:

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

Emission Unit: U-FAC03

Emission Point: FAC03

Height (ft.): 60

Diameter (in.): 16

NYTMN (km.): 4492.923 NYTME (km.): 586.833

Item 27.4:

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

Emission Unit: U-FAC04

Emission Point: FAC04



Height (ft.): 50 Diameter (in.): 16
NYTMN (km.): 4492.923 NYTME (km.): 586.833

Item 27.5:

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

Emission Unit: U-FAC05

Emission Point: FAC05
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4492.923 NYTME (km.): 586.833

Condition 28: Process Definition By Emission Unit
Effective between the dates of 01/05/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1:

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

Emission Unit: U-FAC01
Process: P0A Source Classification Code: 1-02-006-04
Process Description:

Emission unit U-FAC01, process P0A represents the new high-pressure boiler operating on natural gas. Maximum heat input while firing natural gas is 141.7 mm Btu/hr. Thruputs listed below are based on the boiler firing natural gas with a heating value of 1035 Btu/cubic foot. Annual throughput for naural gas firing represents 75% of potential annual operation at full load.

Emission Source/Control: 0BL04 - Combustion
Design Capacity: 141.7 million Btu per hour

Item 28.2:

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

Emission Unit: U-FAC01
Process: P0B Source Classification Code: 1-02-005-05
Process Description:

Emission unit U-FAC01, process P0B represents the new high-pressure boiler operating on No. 2 distillate oil. Maximum heat input while firing No. 2 distillate oil is 134.4 mmbtu/hr. Thruputs listed below are based on the boiler firing No. 2 distillate oil with a heating value of 140,000 btu/gallon. Annual throughput for No. 2 distillate oil firing represents 25% of potential annual operation at full load.

Emission Source/Control: 0BL04 - Combustion
Design Capacity: 141.7 million Btu per hour



Item 28.3:

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

Emission Unit: U-FAC02
Process: P03 Source Classification Code: 1-01-006-01
Process Description:
Boiler #3 burning gas.

Process P03 represents high-pressure Boiler No. 3 operating on natural gas. Maximum heat input

while firing natural gas is 130 MMBtu/hr. Throughputs listed below are based on the unit firing natural gas assuming a Higher Heating Value of 1,035 Btu/SCF. The annual throughput for natural gas firing represents 75% of the limit for this unit.

Emission Source/Control: 0BL03 - Combustion
Design Capacity: 130 million Btu per hour

Item 28.4:

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

Emission Unit: U-FAC02
Process: P07 Source Classification Code: 1-02-004-05
Process Description:
Boiler #3 operating on No.6 Residual oil.

Emission Unit U-FAC02, Process P07 represents high-pressure Boiler No. 3 operating on No. 6 residual oil. The maximum heat input while firing No. 6 residual oil is 130 MMBtu/hr. Throughputs listed below are based on the unit firing No. 6 residual oil with a Higher Heating Value of 151,000 Btu/Gal. The annual throughput for No. 6 residual oil firing represents 25% of the limit for this unit.

Emission Source/Control: 0BL03 - Combustion
Design Capacity: 130 million Btu per hour

Item 28.5:

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

Emission Unit: U-FAC03
Process: P05 Source Classification Code: 2-01-001-07
Process Description:

Emission Unit U-FAC03, Process P05 represents emergency diesel engine generator set No. 5 operating on diesel/distillate fuel oil. The maximum heat input while



diesel/distillate fuel oil is 16 MMBtu/hr. Throughputs listed below are based on the unit firing diesel/distillate fuel oil with a Higher Heating Value of 140,000 Btu/Gal. The unit's annual throughput and operating schedule noted below represent maximum operation for routine maintenance and testing purposes. In the event of a power failure, the emergency diesel engine generator set may operate beyond the stated throughput and operating schedule. For purposes of determining the unit's potential-to-emit, the U.S. EPA default assumption is to assume up to 500 hours per year of total operation.

Emission Source/Control: GEN01 - Combustion
Design Capacity: 16 million Btu per hour

Item 28.6:

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

Emission Unit: U-FAC04
Process: P06 Source Classification Code: 2-01-001-07
Process Description:

Emission Unit U-FAC04, Process P06 represents emergency diesel engine generator set No. 6 operating on diesel/distillate fuel oil. The maximum heat input while diesel/distillate fuel oil is 16 MMBtu/hr. Throughputs listed below are based on the unit firing diesel/distillate fuel oil with a Higher Heating Value of 140,000 Btu/Gal. The unit's annual throughput and operating schedule noted below represent maximum operation for routine maintenance and testing purposes. In the event of a power failure, the emergency diesel engine generator set may operate beyond the stated throughput and operating schedule. For purposes of determining the unit's potential-to-emit, the U.S. EPA default assumption is to assume up to 500 hours per year of total operation.

Emission Source/Control: GEN02 - Combustion
Design Capacity: 16 million Btu per hour

Item 28.7:

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

Emission Unit: U-FAC05
Process: P11 Source Classification Code: 2-01-001-02
Process Description:

Emission Unit U-FAC05, Process P11 represents the new emergency generator diesel engine operating on No. 2 fuel

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oil or diesel fuel. The maximum heat input while firing #2/diesel is 20.6 MMBtu/hr. Throughputs listed below are based on the unit firing #2/diesel assuming a Higher Heating Value of 140,000 Btu/Gal. The unit's annual throughput and operating schedule noted below represent maximum operation for routine maintenance and testing purposes. In the event of a power failure, the diesel engine generator set may operate beyond the stated throughput and operating schedule. For purposes of determining the unit's potential-to-emit, the U.S. EPA default assumption is to assume up to 500 hours per year of total operation.

Emission Source/Control: GEN07 - Combustion
Design Capacity: 20.6 million Btu per hour

