



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6004-00065/00009
Mod 0 Effective Date: 02/04/2003 Expiration Date: No expiration date.
Mod 1 Effective Date: 08/20/2004 Expiration Date: No expiration date.
Mod 2 Effective Date: 11/24/2008 Expiration Date: No expiration date.
Mod 3 Effective Date: 10/20/2011 Expiration Date: No expiration date.

Permit Issued To: U S DEPT OF VETERANS AFFAIRS
810 VERMONT AVE NW
WASHINGTON, DC 20420

Contact: MICHAEL ONG
JAMES J PETERS VA MEDICAL CTR
130 W KINGSBRIDGE RD
BRONX, NY 10468-3992
(718) 584-9000

Facility: JAMES J PETERS VA MEDICAL CENTER
130 W KINGSBRIDGE RD
BRONX, NY 10468

Contact: MICHAEL ONG
JAMES J PETERS VA MEDICAL CTR
130 W KINGSBRIDGE RD
BRONX, NY 10468-3992
(718) 584-9000

Description:
THIS APPLICATION IS FOR A PERMIT MODIFICATION THAT COVERS
INSTALLATION OF TWO (2) ETHYLENE OXIDE STERILIZERS, FIVE (5) BI-FUEL
EMERGENCY GENERATORS (600 KW) AND REMOVAL OF AN EXISTING 370 KW
EMERGENCY GENERATOR.

TWO ETHYLENE OXIDE STERILIZERS WITH ONE EO ABATOR.
EACH OF THE TWO STERILIZERS IS A 3M STERI-VAC 8 XL STERILIZER USING
PURE (100%) ETHYLENE OXIDE AS THE STERILIZING MEDIA. BOTH STERILIZERS
WILL CONNECT TO A SINGLE ETHYLENE OXIDE ABATOR (3M MODEL 50). THE
ABATOR WILL HAVE DESTRUCTION EFFICIENCY OF 99.9%. THE FACILITY
CURRENTLY HAS FOUR STERILIZERS (PERMITTED). THE NEW STERILIZERS WILL
OPERATE ON ONE LOAD CYCLE PER DAY WITH EACH LOAD CYCLE CONSISTING
OF 2 HOURS OF STERILIZATION AND 12 HOURS OF AERATION. THE LOAD CYCLE
FOR THE NEW STERILIZERS IS THE SAME AS THE LOAD CYCLE FOR EXISTING
STERILIZERS. ASSUMING THE WORST CASE EACH STERILIZER INCLUDING THE



EXISTING STERILIZERS WILL OPERATE FOR 250 CYCLES PER YEAR. THE TOTAL ETHYLENE OXIDE CONSUMPTION IN ALL SIX STERILIZERS IS ESTIMATED TO BE 484.38 LBS PER YEAR. PURE (100%) ETHYLENE OXIDE CANISTER WILL BE USED TO FEED THE STERILIZERS.

FIVE (5) NEW BI-FUEL DIESEL EMERGENCY GENERATORS (600 KW EACH). THE FIVE NEW GENERATORS ARE PROPOSED TO BE INSTALLED IN 2 PHASES. DURING PHASE 1 ONLY TWO (2) NEW GENERATORS WILL BE INSTALLED. THE REMAINING THREE (3) GENERATORS WILL BE INSTALLED IN PHASE 2. HOWEVER, THE FACILITY IS REQUESTING THAT ALL FIVE GENERATORS BE INCLUDED IN THIS PERMIT MODIFICATION. EACH OF THE FIVE GENERATORS ARE MANUFACTURED BY GENERAC AND WILL BE BI-FUEL (NATURAL GAS AND DIESEL) FIRED. UNDER NORMAL OPERATION BOTH NATURAL GAS AND DIESEL WILL BE FIRED SIMULTANEOUSLY, WITH NATURAL GAS CONTRIBUTING 75% OF THE HEAT INPUT AND DIESEL CONTRIBUTING THE 25% OF THE HEAT INPUT. THE GENERATORS WERE MANUFACTURED IN DECEMBER 2010.

REMOVAL OF EXISTING 370 KW EMERGENCY GENERATOR.
THE PERMIT MOD INCLUDES THE REMOVAL OF 370 KW DIESEL FIRED EMERGENCY GENERATOR (EMISSION UNIT 1-00005). THE GENERATOR WILL BE DISCONNECTED FROM THE SERVICES IN MARCH 2011.

MODIFICATION TO EXISTING PERMITTED BOILERS.
THE CONTROLS AND BURNERS OF EXISTING THREE BOILERS (EMISSION UNIT 1-00002) ARE BEING RENOVATED BECAUSE THE EXISTING BURNERS AND CONTROLS ARE OLD. AFTER RENOVATION THE HEAT INPUT CAPACITY OF EACH BOILER REMAIN THE SAME (38.83 MMBTU/HR) AND THERE WILL NOT BE ANY INCREASE IN EMISSIONS FROM THE BOILERS. IN FACT DUE TO INSTALLATION OF NEW LOW NOX BURNERS, THE NOX EMISSIONS FROM THE BOILERS ARE EXPECTED TO DECREASE BY 40 TO 50%. THIS RENOVATION EXERCISE WILL NOT CAUSE ANY INCREASE IN EMISSION. AT THIS TIME FACILITY WOULD LIKE TO USE THE EMISSION FACTORS AS GIVEN IN THE CURRENT PERMIT TO CALCULATE NOX EMISSIONS TO DEMONSTRATE COMPLIANCE WITH NOX EMISSION LIMITS. THEREFORE FURTHER DETAILS HAVE NOT PROVIDED IN THIS APPLICATION.

THE FACILITY NOX EMISSIONS ARE CAPPED AT 24.9 TONS PER YEAR.
THE ANNUAL OPERATING HOURS FOR EACH GENERATOR IS LIMITED TO 500 HOURS.
THE OWNER OR OPERATOR OF THE FACILITY SHALL MAINTAIN RECORDS OF THE AMOUNT OF EACH FUEL COMBUSTED IN ENGINE/GENERATORS.

THE FACILITY IS SUBJECT TO THE PROVISIONS OF STATE FACILITY REQUIREMENTS SPECIFIED UNDER 6NYCRR 201-7.

THE AIR STATE FACILITY PERMIT CONTAINS A LISTING OF THE APPLICABLE FEDERAL, STATE, AND COMPLIANCE MONITORING REQUIREMENTS FOR THE FACILITY.

New York State Department of Environmental Conservation
Facility DEC ID: 2600400065



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

Facility Level

- Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
- 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 2-1:

Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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.

GENERAL CONDITIONS - APPLICABLE TO ALL PERMITS



Applicable State Requirement: 6 NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

Condition 2-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-2.1:

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

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

Condition 3-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 3-2.1:

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

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



Condition 3-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 3-1.1:

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.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department

Applicable State Requirement: 6 NYCRR 621.14

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.5 (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) 486-4007



**Condition 2-3: Submission of application for permit modification or renewal -
REGION 2**

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 2-3.1:

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: 2-6004-00065/00009

Facility DEC ID: 2600400065



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY

PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: U S DEPT OF VETERANS AFFAIRS
810 VERMONT AVE NW
WASHINGTON, DC 20420

Facility: JAMES J PETERS VA MEDICAL CENTER
130 W KINGSBRIDGE RD
BRONX, NY 10468

Authorized Activity By Standard Industrial Classification Code:
8092 - KIDNEY DIALYSIS CENTERS

Mod 0 Permit Effective Date: 02/04/2003
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 08/20/2004
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 11/24/2008
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 10/20/2011
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 3-1 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 3-2 6 NYCRR 201-3.2 (a): Compliance Demonstration
- 3-3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *3-4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 3-5 6 NYCRR 211.1: Air pollution prohibited
- 3-6 6 NYCRR 212.4 (a): Compliance Demonstration
- 5 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 6 6 NYCRR 225-1.8: Compliance Demonstration
- 7 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 3-7 40CFR 63, Subpart ZZZZ: Engines at Area sources of HAP

Emission Unit Level

- 3-8 6 NYCRR Subpart 201-7: Process Permissible Emissions

EU=1-00001

- 9 6 NYCRR 219-6.2: Particulate matter limitations.
- 10 6 NYCRR 219-6.3: Opacity limitations.
- 11 6 NYCRR 219-6.4: Odorous emission prohibitions - batch fed incinerators
- 12 6 NYCRR 219-6.5: Incinerator model requirements - incinerators with capacities of 2,000 lbs/hr or less

EU=2-00000,Proc=ETO

- 1-3 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications

EU=E-00007

- 3-9 40CFR 60.4205(b), NSPS Subpart IIII: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 13 ECL 19-0301: Contaminant List
- 3-10 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 15 6 NYCRR Subpart 201-5: Emission Unit Definition
- 3-11 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 17 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 18 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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 3-1: Exempt Sources - Proof of Eligibility

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Effective between the dates of 10/20/2011 and Permit Expiration Date

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

Item 3-1.1:

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 3-2: Compliance Demonstration

Effective between the dates of 10/20/2011 and Permit Expiration Date

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

Item 3-2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As proof of exempt eligibility for the emergency generators, the facility must maintain monthly records which demonstrate that each engine is operated less than 500 hours per year, on a 12-month rolling total basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3-3: Facility Permissible Emissions

Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-3.1:

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 (From Mod 3) PTE: 49,800 pounds
per year

Name: OXIDES OF NITROGEN

Condition 3-4: Capping Monitoring Condition

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-4.1:

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 Subpart 201-6

6 NYCRR Subpart 231-2

Item 3-4.2:

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

Item 3-4.3:

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 3-4.4:

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 3-4.5:

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 3-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The owner or operator of combustion sources which fire
multiple fuels shall maintain a record of the quantity of

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



each fuel fired. Also, the owner or operator shall calculate NOx emissions (based on the fuel quantities) using the following formula:

$R(0.075) + D(0.02) + G(100) + E(0.44) + N(3400) + E1(0.17) + N1(1265) < 49,800$ lbs/yr of Oxides of Nitrogen emissions.

Where: R = 12-month rolling total of residual oil fired (from boilers) in gals/yr

D = 12-month rolling total of distillate oil fired (from boilers) in gals/yr

G = 12-month rolling total of natural gas fired (from boilers) in mmscf/yr

E = 12-month rolling total of diesel fuel fired (from engines) in gals/yr

N = 12-month rolling total of natural gas fired (from engines) in mmscf/yr

E1 = 12-month rolling total of diesel fuel fired (from 5 bi-fuel engines) in gals/yr

N1 = 12-month rolling total of natural gas fired (from 5 bi-fuel engines) in mmscf/yr

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 3-5: Air pollution prohibited

Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 3-5.1:

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 3-6: Compliance Demonstration

Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 3-6.1:

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000075-21-8 ETHYLENE OXIDE

Item 3-6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

ETO abator is required for all sterilizers. The ETO
abator should have a destruction efficiency for ethylene
oxide of 99+%.

Parameter Monitored: ETHYLENE OXIDE

Upper Permit Limit: 99 percent degree of air cleaning or
greater

Reference Test Method: APPROVED METHOD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 5: Compliance Demonstration

Effective between the dates of 02/04/2003 and Permit Expiration Date

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

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 will sell, offer for sale, purchase or use any
distillate oil fuel which contains sulfur in a quantity
exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Demonstration

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-1.8

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:

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration

Effective between the dates of 02/04/2003 and Permit Expiration Date

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

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

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: UPON REQUEST BY REGULATORY AGENCY

Condition 3-7: Engines at Area sources of HAP

Effective between the dates of 10/20/2011 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Applicable Federal Requirement: 40 CFR 63, Subpart ZZZZ

Item 3-7.1:

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 3-8: Process Permissible Emissions
Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 0-8.1:

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

Emission Unit:	1-00001	Process:	B01
	CAS No: 0NY210-00-0 (From Mod 0)		
	Name: OXIDES OF NITROGEN		
	PTE(s): 0.1 pounds per hour		114.3 pounds per year
Emission Unit:	1-00002	Process:	A02
	CAS No: 0NY210-00-0 (From Mod 0)		
	Name: OXIDES OF NITROGEN		
	PTE(s): 15.53 pounds per hour		27,300 pounds per year
Emission Unit:	1-00002	Process:	B02
	CAS No: 0NY210-00-0 (From Mod 0)		
	Name: OXIDES OF NITROGEN		
	PTE(s): 16.42 pounds per hour		9,000 pounds per year
Emission Unit:	1-00003	Process:	A03
	CAS No: 0NY210-00-0 (From Mod 0)		
	Name: OXIDES OF NITROGEN		
	PTE(s): 0.75 pounds per hour		1,492.6 pounds per year

Condition 9: Particulate matter limitations.

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 219-6.2

Item 9.1:

This Condition applies to Emission Unit: 1-00001

Item 9.2:

(a) Particulate emissions from the incinerator may not exceed the permissible particulate emission shown on figure 1 of 6NYCRR Part 219-6.2.

Condition 10: Opacity limitations.

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 219-6.3

Item 10.1:

This Condition applies to Emission Unit: 1-00001

Item 10.2:

The incinerator may not emit smoke having an average opacity during any six consecutive minutes equal to or greater than 20 percent, except for one six-minute period during which the average opacity must not exceed 40 percent.

Condition 11: Odorous emission prohibitions - batch fed incinerators

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 219-6.4

Item 11.1:

This Condition applies to Emission Unit: 1-00001

Item 11.2:

The gas temperature at the furnace outlet of the incinerator must be automatically maintained at not less than 1,400°F during 90 percent of the burning period.

Condition 12: Incinerator model requirements - incinerators with capacities of 2,000 lbs/hr or less

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 219-6.5

Item 12.1:

This Condition applies to Emission Unit: 1-00001

Item 12.2:

In lieu of requiring an emission test and submittal of an acceptable emission test report, the commissioner may accept emission test reports of representative models which are geometrically similar to the incinerator and which demonstrate compliance with all sections of 6NYCRR Part 219-6. Testing of representative models must be conducted in

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



accordance with procedures established by the commissioner.

**Condition 1-3: Emissions from new emission sources and/or modifications
Effective between the dates of 08/20/2004 and Permit Expiration Date**

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 1-3.1:

This Condition applies to Emission Unit: 2-00000
Process: ETO

Item 1-3.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 3-9: Compliance Demonstration
Effective between the dates of 10/20/2011 and Permit Expiration Date**

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

Item 3-9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: E-00007

Item 3-9.2:

Compliance Demonstration 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 that is not a fire pump engine and with a displacement of greater than or equal to 10 liters/cylinder but less than 30 liters/cylinder will require certification to the emission standards for new marine CI (category 2) engines in 40 CFR 94.8, as applicable, for all pollutants. Compliance with this requirement will be established by purchasing an engine certified to the emission standard referenced above and having it 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

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY





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.

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Condition 13: Contaminant List

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 13.1:

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

CAS No: 000075-21-8

Name: ETHYLENE OXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 3-10: Unavoidable noncompliance and violations

Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 3-10.1:

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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 15: Emission Unit Definition

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 15.1(From Mod 3):

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

Emission Unit: 2-00000

Emission Unit Description:

THE UNIT CONSIST OF SIX 3M STERI-VAC STERILIZERS AND THREE (3) 3M 50 SERIES ABATORS. OUT OF SIX STERILIZERS FOUR (4) ARE EXISTING AND CURRENTLY ON PERMIT (ETO-1, ETO-2, ETO-3 AND ETO-4). OTHER 2 STERILIZERS (ETO-5 AND ETO-6) ARE NEW (TO BE PERMITTED). TWO (2) ABATORS, (ABATOR 1 AND 2) ARE ON CURRENT PERMIT AND ABATOR 3 IS NEW AND ASSOCIATED WITH ETO-5 AND ETO-6.

Building(s): 100
MAIN

Item 15.2(From Mod 3):

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

Emission Unit: E-00007

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF FIVE (5) NEW BI-FUEL EMERGENCY GENERATORS. THE GENERATORS WILL BE OPERATED ONLY IN EMERGENCY SITUATIONS (POWER OUTAGES) AND ROUTINE EXERCISING FOR PREVENTIVE MAINTENANCE. THE TOTAL RUNTIME FOR EACH

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



GENERATOR WILL NOT EXCEED 500 HOURS PER YEAR, THOUGH FACILITY WILL LIMIT THE ANNUAL OPERATING HOURS (AND THE FUEL THROUGHPUT) TO COMPLY WITH NOX EMISSIONS CAP.

Building(s): 100

Item 15.3(From Mod 0):

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

Emission Unit: 1-00001

Emission Unit Description:

HOSPITAL PATHOLOGICAL WASTE INCINERATOR, LOCATED IN THE GROUND FLOOR OF THE RESEARCH BUILDING, BUILDING NUMBER 105. THE INCINERATOR IS A SINGLE (1) - 1.00 MMBTU/HR PATHOLOGICAL WASTE INCINERATOR. THE INCINERATOR HAS A GAS SCRUBBING SYSTEM TO REDUCE THE INCINERATOR AIR EMISSIONS.

Building(s): 105

Item 15.4(From Mod 0):

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

Emission Unit: 1-00002

Emission Unit Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER 101. THIS BOILER PLANT CONTAINS THREE (3) -38.83 MMBTU/HR RATED BOILERS WHICH CAN BURN BOTH NO. 2 FUEL OIL OR NATURAL GAS (DUAL FIRED). ALL THREE BOILERS ARE CONNECTED TO A SINGLE STACK. THE BOILERS PROVIDE THE HEATING AND STEAM REQUIREMENTS TO THE ENTIRE HOSPITAL COMPLEX.

Building(s): 101

Item 15.5(From Mod 0):

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

Emission Unit: 1-00003

Emission Unit Description:

HOSPITAL BOILER PLANT, CHILLER AREA, BUILDING NUMBER 101. THIS CHILLER AREA HAS ONE (1) - 7.84 MMBTU/HR RATED CHILLER UNIT WHICH CAN BURN BOTH NO. 2 FUEL OIL AND NATURAL GAS (DUAL FIRED). THE CHILLER UNIT PROVIDES SOME OF THE COOLING REQUIREMENTS FOR THE ENTIRE HOSPITAL COMPLEX. THE CHILLER VENTS TO A SINGLE STACK. THE CHILLER IS NOT CONNECTED TO A FUEL OIL SOURCE, AND THEREFORE CAN ONLY BURN NATURAL GAS.

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Building(s): 101

Item 15.6(From Mod 2):

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

Emission Unit: 1-00004

Emission Unit Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER 101. TWO (2) - 2,500 KW RATED, DIESEL FIRED, EMERGENCY BACK-UP GENERATORS. THE GENERATORS PROVIDE EMERGENCY BACK-UP POWER TO THE ENTIRE HOSPITAL. THE TWO GENERATORS VENT TO INDIVIDUAL STACKS.

Building(s): 101

Item 15.7(From Mod 2):

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

Emission Unit: 1-00006

Emission Unit Description:

NURSING HOME, BUILDING NUMBER 106. ONE (1) - 160 KW RATED, DIESEL FIRED, EMERGENCY BACK-UP GENERATOR. THE GENERATOR PROVIDES EMERGENCY BACK-UP POWER TO THE NURSING HOME. THE GENERATOR HAS A SINGLE STACK.

Building(s): 106

Condition 3-11: Visible Emissions Limited

Effective between the dates of 10/20/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 3-11.1:

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 17: Emission Point Definition By Emission Unit

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 17.1(From Mod 3):

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

Emission Unit: 2-00000

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Emission Point: 00007
Height (ft.): 31 Diameter (in.): 37
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: MAIN

Emission Point: 00008
Height (ft.): 31 Diameter (in.): 37
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Item 17.2(From Mod 3):

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

Emission Unit: E-00007

Emission Point: A0007
Height (ft.): 13 Diameter (in.): 10
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Emission Point: B0007
Height (ft.): 13 Diameter (in.): 10
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Emission Point: C0007
Height (ft.): 13 Diameter (in.): 10
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Emission Point: D0007
Height (ft.): 13 Diameter (in.): 10
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Emission Point: E0007
Height (ft.): 13 Diameter (in.): 10
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 100

Item 17.3(From Mod 0):

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

Emission Unit: 1-00001

Emission Point: 00001
Height (ft.): 119 Diameter (in.): 20
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 105

Item 17.4(From Mod 0):

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

Emission Unit: 1-00002

Emission Point: 00002
Height (ft.): 185 Diameter (in.): 72
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 101

Item 17.5(From Mod 0):

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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

Emission Unit: 1-00003

Emission Point: 00003

Height (ft.): 57

Diameter (in.): 24

NYTMN (km.): 4524.5

NYTME (km.): 592.2

Building: 101

Item 17.6(From Mod 2):

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

Emission Unit: 1-00004

Emission Point: A0004

Height (ft.): 55

Diameter (in.): 26

NYTMN (km.): 4524.5

NYTME (km.): 592.2

Building: 101

Emission Point: B0004

Height (ft.): 55

Diameter (in.): 26

NYTMN (km.): 4524.5

NYTME (km.): 592.2

Building: 101

Item 17.7(From Mod 2):

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

Emission Unit: 1-00006

Emission Point: 00006

Height (ft.): 16

Diameter (in.): 8

NYTMN (km.): 4524.5

NYTME (km.): 592.2

Building: 106

Condition 18: Process Definition By Emission Unit

Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 18.1(From Mod 3):

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

Emission Unit: 2-00000

Process: ETO

Source Classification Code: 3-15-020-01

Process Description:

EACH OF THE SIX (4 EXISTING AND 2 NEW)
ETHYLENE OXIDE STERILIZERS WILL BE OPERATED
FOR ONE LOAD CYCLE PER DAY. EACH LOAD
CYCLE CONSISTS OF 2 HOURS OF STERILIZATION
AND 12 HOURS OF AERATION. A MAXIMUM OF 250
LOAD CYCLE PER YEAR ARE EXPECTED FOR EACH
STERILIZER. PURE ETHYLENE OXIDE (100%
ETHYLENE OXIDE) WILL BE USED DURING
STERILIZATION STAGE. FOUR (4) LARGE
STERILIZERS INCLUDING THE 2 NEW ONES WILL
USE 5.99 OZ ETHYLENE OXIDE CANISTER WHILE

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



THE TWO (2) SMALL EXISTING STERILIZERS WILL USE 3.52 OZ ETHYLENE OXIDE CANISTER. A MAXIMUM QUANTITY OF 484.38 LB PER YEAR OF ETHYLENE OXIDE IS EXPECTED TO BE USED IN THE PROCESS. THE EXHAUST FROM EACH STERILIZER IS ROUTED THROUGH ABATORS. THERE ARE TWO EXISTING ABATORS SERVING FOUR EXISTING STERILIZERS THAT HAVE DESTRUCTION EFFICIENCY OF 99+%. THE TWO NEW STERILIZERS WILL HAVE A COMMON ABATOR WITH DESTRUCTION EFFICIENCY OF 99.9%.

Emission Source/Control: 0ETO1 - Process
Design Capacity: 8 cubic feet

Emission Source/Control: 0ETO2 - Process
Design Capacity: 8 cubic feet

Emission Source/Control: 0ETO3 - Process
Design Capacity: 5 cubic feet

Emission Source/Control: 0ETO4 - Process
Design Capacity: 5 cubic feet

Emission Source/Control: 0ETO5 - Process
Design Capacity: 8 cubic feet

Emission Source/Control: 0ETO6 - Process
Design Capacity: 8 cubic feet

Item 18.2(From Mod 3):

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

Emission Unit: E-00007

Process: GEN

Source Classification Code: 2-01-001-02

Process Description:

The process involves emergency power generation using bi-fuel diesel engines. The engines will be fired with natural gas and diesel fuel simultaneously. Natural gas will contribute 75% of the heat input while the remaining 25% will be supplied by the diesel fuel. Each generator will be used only for emergency purposes and maximum annual operating hours for each generator will not exceed 500 hrs per year. The generators will use diesel fuel with sulfur content of 0.0015% by wt.

Emission Source/Control: GEN7A - Combustion
Design Capacity: 600 kilowatts

Emission Source/Control: GEN7B - Combustion
Design Capacity: 600 kilowatts

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Emission Source/Control: GEN7C - Combustion
Design Capacity: 600 kilowatts

Emission Source/Control: GEN7D - Combustion
Design Capacity: 600 kilowatts

Emission Source/Control: GEN7E - Combustion
Design Capacity: 600 kilowatts

Item 18.3(From Mod 0):

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

Emission Unit: 1-00001

Process: A01

Source Classification Code: 5-01-005-05

Process Description:

A SINGLE (1) PATHOLOGICAL WASTE
INCINERATOR, WHICH BURNS ONLY ANIMAL
BODIES, BODY PARTS AND ASSOCIATED BEDDING
DETERMINED NOT TO BE REGULATED MEDICAL
WASTE (AS DEFINED IN TITLE 13, SECTION
1389-aa OF THE NEW YORK PUBLIC HEALTH LAW).
THE INCINERATOR ALSO WILL BURN TYPE I
REFUSE INFREQUENTLY.

Emission Source/Control: B0001 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: A0001 - Incinerator

Design Capacity: 200 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

Waste Type: CREMATORY WASTE (INCLUDING HUMAN
AND/OR ANIMAL BODY PARTS AND
ASSOCIATED ANIMAL BEDDING) ONLY

Item 18.4(From Mod 0):

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

Emission Unit: 1-00001

Process: B01

Source Classification Code: 5-01-005-05

Process Description:

A SINGLE (1) PATHOLOGICAL WASTE
INCINERATOR, WHICH BURNS NATURAL GAS AS A
SECONDARY FUEL.

Emission Source/Control: B0001 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: A0001 - Incinerator

Design Capacity: 200 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

Waste Type: CREMATORY WASTE (INCLUDING HUMAN
AND/OR ANIMAL BODY PARTS AND

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



ASSOCIATED ANIMAL BEDDING) ONLY

Item 18.5(From Mod 0):

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

Emission Unit: 1-00002

Process: A02

Source Classification Code: 1-02-006-02

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
101. THREE (3) -38.83 MMBTU/HR BOILERS
BURNING NATURAL GAS. THE THREE (3) BOILERS
VENT TO A SINGLE STACK.

Emission Source/Control: A0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Emission Source/Control: B0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Emission Source/Control: C0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Item 18.6(From Mod 0):

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

Emission Unit: 1-00002

Process: B02

Source Classification Code: 1-02-005-01

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
101. THREE (3) -38.83 MMBTU/HR BOILERS
BURNING NO. 2 FUEL OIL. THE THREE (3)
BOILERS VENT TO A SINGLE STACK.

Emission Source/Control: A0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Emission Source/Control: B0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Emission Source/Control: C0002 - Combustion

Design Capacity: 38.83 million Btu per hour

Item 18.7(From Mod 0):

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

Emission Unit: 1-00003

Process: A03

Source Classification Code: 1-05-002-06

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
101. ONE (1) -7.84 MMBTU/HR CHILLER
BURNING NATURAL GAS. THE CHILLER VENTS TO
AN INDIVIDUAL STACK.

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Emission Source/Control: A0003 - Combustion
Design Capacity: 7.84 million Btu per hour

Item 18.8(From Mod 2):

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

Emission Unit: 1-00004

Process: A04

Source Classification Code: 2-02-001-02

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
101. TWO (2) -2,500 KW DIESEL, EMERGENCY
BACK-UP POWER GENERATORS. THESE GENERATORS
PROVIDE BACK-UP POWER TO THE MAIN
HOSPITAL.

Emission Source/Control: A0004 - Combustion
Design Capacity: 2,500 kilowatts

Emission Source/Control: B0004 - Combustion
Design Capacity: 2,500 kilowatts

Item 18.9(From Mod 2):

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

Emission Unit: 1-00006

Process: A06

Source Classification Code: 2-02-001-02

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
106. ONE (1) - 160 KW DIESEL, EMERGENCY
BACK-UP POWER GENERATOR. THIS GENERATOR
PROVIDES BACK-UP POWER TO THE NURSING
HOME.

Emission Source/Control: A0006 - Combustion
Design Capacity: 160 kilowatts

