

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



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.

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

Contact: ROBERT WALTON
BRONX VETERANS AFFAIRS MEDICAL CENTER
130 WEST KINGSBRIDGE RD
BRONX, NY 10468-3992
(718) 741-4790

V A MEDICAL CTR
130 WEST KINGSBRIDGE RD
BRONX, NY 10468

Contact: ROBERT WALTON
BRONX VETERANS AFFAIRS MEDICAL CENTER
130 WEST KINGSBRIDGE RD
BRONX, NY 10468-3992
(718) 741-4790

Description:
VA MEDICAL CENTER, BRONX, OPERATES A FEW EMISSION SOURCES INCLUDING THREE BOILERS, FOUR EMERGENCY GENERATORS, FUME HOODS AND A FEW UNDERGROUND STORAGE TANKS AND ONE EXISTING ETHYLENE OXIDE (ETO) STERILIZER THAT IS TO BE REPLACED WITH FOUR NEW ETO STERILIZER INCLUDED WITH TWO ABATORS. THIS APPLICATION IS BEING SUBMITTED TO OBTAIN A PERMIT TO CONSTRUCT THE ETHYLENE OXIDE STERILIZERS IN COMPLIANCE WITH 6 NYCRR PART 201.5.

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
 DIVISION OF ENVIRONMENTAL PERMITS
 ONE HUNTERS POINT PLAZA, 47-40 21ST STREET
 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 permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications 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 and Modifications
Applicable State Requirement: 6NYCRR 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

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



transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 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: 6NYCRR 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) 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: V A MEDICAL CTR
130 WEST KINGSBRIDGE RD
BRONX, NY 10468

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



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 5 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 6 6NYCRR 225-1.8: Compliance Demonstration
- 7 6NYCRR 227-1.3(a): Compliance Demonstration

Emission Unit Level

EU=1-00001

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

EU=2-00000

- 1-1 6NYCRR 212.4(a): Compliance Demonstration
- 1-2 6NYCRR 212.4(a): Compliance Demonstration

EU=2-00000,Proc=ETO

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

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 13 ECL 19-0301: Contaminant List
- 14 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 15 6NYCRR 201-5: Emission Unit Definition
- 1-4 6NYCRR 201-7.2: Facility Permissible Emissions
- *1-5 6NYCRR 201-7.2: Capping Monitoring Condition
- 16 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 17 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 18 6NYCRR 201-5: Process Definition By Emission Unit
- 1-6 6NYCRR 201-7.2: Process Permissible Emissions

NOTE: * preceding the condition number indicates capping. Mod 0 Permit Effective Date: 02/04/2003 Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 08/20/2004

Permit Expiration Date: No expiration date.



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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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 Part 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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: 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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 N:

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 5:

Compliance Demonstration

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

Applicable Federal Requirement: 6NYCRR 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



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

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

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

Applicable Federal Requirement: 6NYCRR 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: 6NYCRR 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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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

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

Condition 9: Particulate matter limitations.

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

Applicable Federal Requirement: 6NYCRR 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: 6NYCRR 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: 6NYCRR 219-6.4

Item 11.1:

This Condition applies to Emission Unit: 1-00001

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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: 6NYCRR 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 accordance with procedures established by the commissioner.

**Condition 1-1: Compliance Demonstration
Effective between the dates of 08/20/2004 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 1-1.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):

CAS No: 000075-21-8 ETHYLENE OXIDE

Item 1-1.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The ethylene oxide sterilizers are given an environmental rating "A". Ethylene oxide emissions shall be limited to 0.01 pounds per hour for each of four sterilizers (0.01 x 4 = 0.04 lb/hr).

The owner/operator shall maintain a log containing the following information:

-the date and # of sterilization loads;



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

- the quantity of sterilizer gas used in pounds per hour, day, year;
- date and time sterilizers malfunction and maintenance.

Parameter Monitored: ETHYLENE OXIDE

Upper Permit Limit: 0.04 pounds per hour

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-2: Compliance Demonstration

Effective between the dates of 08/20/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 1-2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):

CAS No: 000075-21-8 ETHYLENE OXIDE

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ETO ABATOR IS REQUIRED DURING STERILIZATION. THE ABATORS CAPTURE AT LEAST 99% OF THE ETO.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: ETHYLENE OXIDE

Parameter Monitored: ETHYLENE OXIDE

Upper Permit Limit: 99 percent

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 1-3:

Emissions from new emission sources and/or modifications

Effective between the dates of 08/20/2004 and Permit Expiration Date



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 - 6NYCRR Part 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

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

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 14: Unavoidable noncompliance and violations

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

Applicable State Requirement: 6NYCRR 201-1.4

Item 14.1:

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



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

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 15: Emission Unit Definition
Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 15.1(From Mod 1):

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

Emission Unit: 2-00000

Emission Unit Description:

THIS UNIT CONSISTS OF FOUR 3M STERI VAC STERILIZERS (2-8XL,2-5XL) AND TWO 3M 50 CFM ABATORS. EXHAUST FROM THE ABATORS WILL EXHAUST VIA A COMMON STACK.

Building(s): MAIN

Item 15.2(From Mod 0):

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

Emission 1-00001

Emission Unit Description:

HOSPITAL PATHOLOGICAL WASTE INCINERATOR, LOCATED IN THE GROUND FLOOR OF THE RESEARCH

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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 15.3(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 15.4(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.

Building(s): 101

Item 15.5(From Mod 0):

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



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

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 15.6(From Mod 0):

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

Emission Unit: 1-00005

Emission Unit Description:

MAIN HOSPITAL, BUILDING NUMBER 100. ONE (1) - 370 KW RATED, DIESEL FIRED, EMERGENCY BACK-UP GENERATOR. THE GENERATOR PROVIDES EMERGENCY BACK-UP POWER TO THE MAIN HOSPITAL. THE GENERATOR HAS A SINGLE STACK.

Building(s): 100

Item 15.7(From Mod 0):

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 1-4: Facility Permissible Emissions

Effective between the dates of 08/20/2004 and Permit Expiration Date

Applicable State6NYCRR 201-7.2

Item 1-4.1:

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 1) PTE: 49,854 pounds per year

Name: OXIDES OF NITROGEN

Condition 1-5: 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 08/20/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 1-5.1:

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

6NYCRR 201-6

Item 1-5.2:

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

Item 1-5.3:

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

Item 1-5.4:

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

Item 1-5.5:

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

Item 1-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 1-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boilers which fire multiple fuels shall maintain a record of the quantity of each fuel fired. Also, the owner or



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

operator shall calculate (based on the fuel quantities)
using the following formula:

$$R(0.075) + D(0.02) + G(100) + E(0.44) + N(3400) < 50,000$$

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

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 1/30/2005.

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

Condition 16: Air pollution prohibited
Effective between the dates of 02/04/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 16.1:

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.

****** 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: 6NYCRR 201-5

Item 17.1(From Mod 1):



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: 2-00000

Emission Point: 00007

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

Item 17.2(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.): 20 Diameter (in.): 20
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 105

Item 17.3(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 17.4(From Mod 0):

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 17.5(From Mod 0):

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.): 26 Diameter (in.): 26
NYTMN (km.): 4524.5 NYTME (km.): 592.2 Building: 101

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Item 17.6(From Mod 0):

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

Emission 1-00005

Emission Point: 00005

Height (ft.): 68

Diameter (in.): 8

NYTNYTME (km.): 592.2

Building: 100

Item 17.7(From Mod 0):

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

Emission Unit: 1-00006

Emission Pt00006

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: 6NYCRR 201-5

Item 18.1(From Mod 1):

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:

PROCESS IS TWO HOURS STERILIZATION AND TWELVE HOURS AERATION. TYPICALLY, ONE CYCLE PER DAY PER STERILIZER IS EXPECTED. THIS UNIT CONSISTS OF FOUR NEW 3M STERI-VAC XL SERIES STERILIZERS (TWO 8XL, AND TWO 5XL) AND TWO 50 SERIES ABATORS. ABATORS ARE EXPECTED TO REMOVE 99+% OF ETHYLENE OXIDE. THE EXHAUST FROM THE ABATOR WILL BE THROUGH A COMMON STACK. 100% ETO CARTRIDGES WILL BE USED IN THIS PROCESS. STERILIZERS ALSO HAVE AERATORS.

Emission Source/Control: ABAT1 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: ABAT2 - Control

Control Type: THERMAL OXIDATION

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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: 8 cubic feet

Emission Source/Control: 0ETO4 - Process
Design Capacity: 8 cubic feet

Item 18.2(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 18.3(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.

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



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: 1-00002
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 18.5(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



New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065

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: 1-00003

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.

Emission Source/Control: A0003 - Combustion

Design Capacity: 7.84 million Btu per hour

Item 18.7(From Mod 0):

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

Emission Unit: 1-00004

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.

EACH GENERATOR WILL OPERATE AN AVERAGE OF
50 HOURS PER YEAR. A "TOTAL THRUPT" LIMIT

IS PROVIDED FOR BOTH (2) GENERATORS IN

TERMS OF FUEL USAGE, WHICH IS OBTAINED BY

CALCULATING THE TOTAL FUEL USED FOR EACH

GENERATOR OPERATING AT MAXIMUM CAPACITY FOR

50 HOURS AND SUMMING THE FUEL USAGE

CAPACITY FOR EACH GENERATOR.

Emission Source/Control: A0004 - Combustion

Design Capacity: 2,500 kilowatts

Emission Source/Control: B0004 - Combustion

Design Capacity: 2,500 kilowatts

Item 18.8(From Mod 0):

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

Emission Unit: 1-00005

New York State Department of Environmental Conservation

Permit ID: 2-6004-00065/00009

Facility DEC ID: 2600400065



Process: A05

Source Classification Code: 2-02-001-02

Process Description:

HOSPITAL BOILER PLANT, BUILDING NUMBER
100. ONE (1) - 270 KW DIESEL, EMERGENCY
BACK-UP POWER GENERATOR. THIS GENERATOR
PROVIDES BACK-UP POWER TO THE NURSING HOME.
THE GENERATOR WILL OPERATE AN AVERAGE OF
50 HOURS PER YEAR. A "TOTAL THRUPUT" LIMIT
IS PROVIDED FOR THE GENERATOR IN TERMS OF
FUEL USAGE, WHICH IS OBTAINED BY
CALCULATING THE TOTAL FUEL USED FOR THE
GENERATOR OPERATING AT MAXIMUM CAPACITY FOR
50 TOTAL HOURS.

Emission A0005 - Combustion

Design Capacity: 370 kilowatts

Item 18.9(From Mod 0):

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.
THE GENERATOR WILL OPERATE AN AVERAGE OF
50 HOURS PER YEAR. A "TOTAL THRUPUT" LIMIT
IS PROVIDED FOR THE GENERATOR IN TERMS OF
FUEL USAGE, WHICH IS OBTAINED BY
CALCULATING THE TOTAL FUEL USED FOR THE
GENERATOR OPERATING AT MAXIMUM CAPACITY FOR
50 TOTAL HOURS.

Emission Source/Control: A0006 - Combustion

Design Capacity: 160 kilowatts

Condition 1-6: Process Permissible Emissions

Effective between the dates of 08/20/2004 and Permit Expiration Date

Applicable State6NYCRR 201-7.2

Item 0-6.1:

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

New York State Department of Environmental Conservation
Permit ID: 2-6004-00065/00009 Facility DEC ID: 2600400065



Emission 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: 0N(From Mod 0)
Name: OXIDES OF NITROGEN
PTE(s): 16.42 pounds per hour
9,000 pounds per year

Emission Unit: 1-00003 ProcA03

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

Emission Unit: 1-00004 Process: A04

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN
PTE(s): 160.92 pounds per hour
8,046.1 pounds per year

Emission 1-00005 Process: A05

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN
PTE(s): 15.38 pounds per hour
769.1 pounds per year

Emission Unit: 1-00006 Process: A06

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN

New York State Department of Environmental Conservation
Permit ID: 2-6004-00065/00009 Facility DEC ID: 2600400065



PTE(s): 6.65 pounds per hour
332.6 pounds per year