

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3551800222**



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 3-5518-00222/00007  
Effective Date: 10/12/2000 Expiration Date: 10/11/2005

Permit Issued To: ST JOHN'S RIVERSIDE HOSPITAL  
967 N BROADWAY  
YONKERS, NY 10701-1301

Contact: PATRICIA DAYE  
967 NORTH BROADWAY  
YONKERS, NY 10701  
(914) 964-4444

Facility: SAINT JOHN'S RIVERSIDE HOSPITAL  
967 NORTH BROADWAY  
YONKERS, NY 10701

Contact: GREGG DOERR  
967 NORTH BROADWAY  
YONKERS, NY 10701  
(914) 964-4201

Description:

\*Saint John's Hospital has a standard industrial classification of 8061. Air contamination sources housed in this facility emit combustion and processes' air contaminants.

In particular, the facility maintains three (3) boilers, 21 mmBTU/hr each, which were built in 1976, and two (2) cogeneration internal combustion engines, rated at 600 KW each, which were constructed in 1992. These units serve the heating needs of the hospital. The steam generated is used to drive the internal combustion engines which generate electricity. The boilers are fueled with #6 oil, whereas the internal combustion engines are fuel with natural gas only. These sources comply with all applicable Federal and state regulations.

In addition to the combustion sources, the facility operates an ethylene oxide (ETO) sterilization unit which has a PTE of 552 lbs/yr. The ETO unit will achieve compliance with all applicable Federal and State standards by September 30, 2000. The facility, by the stated deadline, will have installed and operating an ethylene oxide abator which will provide 99.9% contaminant capture, **or the ETO unit will be shut down.** The environmental rating of this facility is A.

Applicable regulations include 6 NYCRR parts 200, 201, 202, 211, 212, 215, 225, 227.

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FINAL

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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:            ROBERT J STANTON  
   DIVISION OF AIR RESOURCES  
   21 SOUTH PUTT CORNERS RD  
   NEW PALTZ, NY 12561-1696

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 3

HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305.**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

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

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**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.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

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**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 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 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

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YONKERS, NY 10701  
(914) 964-4201

Authorized Activity By Standard Industrial Classification Code:  
8061 - HOSPITALS

Permit Effective Date: 10/12/2000

Permit Expiration Date: 10/11/2005



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 Sealing
- 2 Acceptable ambient air quality
- 3 Maintenance of equipment
- 4 Unpermitted Emission Sources
- 5 Unavoidable Noncompliance and Violations
- 6 Emergency Defense
- 7 Recycling and Salvage
- 8 Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 Public Access to Recordkeeping for Title V facilities
- 10 Proof of Eligibility
- 11 Compliance Certification
- 12 Proof of Eligibility
- 13 Applicable Criteria, Limits, Terms, Conditions and Standards
- 14 Cessation or Reduction of Permitted Activity Not a Defense
- 15 Compliance Requirements
- 16 Federally-Enforceable Requirements
- 17 Fees
- 18 Monitoring, Related Recordkeeping and Reporting Requirements
- 19 Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
- 20 Permit Shield
- 21 Property Rights
- 22 Reopening for Cause
- 23 Right to Inspect
- 24 Severability
- 25 Emission Unit Definition
- 26 Compliance Certification
- 27 Compliance Certification
- 28 Required emissions tests
- 29 Compliance Certification
- 30 Recordkeeping requirements
- 31 Visible emissions limited.
- 32 Facility receives an A rating
- 33 Ethylen oxide is given an A environmental rating.
- 34 Environmental rating.
- 35 Installation of controls for Ethylene Oxide Sterilization Unit.
- 36 Open Fires Prohibited at Industrial and Commercial Sites
- 37 Compliance Certification
- 38 Compliance Certification
- 39 Recycling and Emissions Reduction

**Emission Unit Level**

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- 40 Emission Point Definition By Emission Unit
- 41 Process Definition By Emission Unit
- 42 Compliance Certification (EU=U-00001)
- 43 Compliance Certification (EU=U-00001)
- 44 Compliance Certification (EU=U-00001)
- 45 Compliance Certification (EU=U-00001,Proc=BOI,ES=E0001)
- 46 Compliance Certification (EU=U-00001,Proc=BOI,ES=E0002)
- 47 Compliance Certification (EU=U-00001,Proc=BOI,ES=E0003)
- 48 Compliance Certification (EU=U-00001,Proc=CNG,ES=E0004)
- 49 Compliance Certification (EU=U-00001,Proc=CNG,ES=E0005)
- 50 Compliance Certification (EU=U-00001,EP=00001,Proc=BOI)
- 51 Emissions from new emission sources and/or modifications

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 52 General Provisions
- 53 Contaminant List
- 54 Air pollution prohibited



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**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 1: Sealing**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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

**Condition 3: Maintenance of equipment**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.



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**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

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.

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.4**

**Item 5.1:**

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 or certificate issued for the corresponding air contamination source. 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.



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(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.

**Condition 6: Emergency Defense**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

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.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.7**



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**Item 7.1:**

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

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 9: Public Access to Recordkeeping for Title V facilities**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-1.10(b)**

**Item 9.1:**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Condition 10: Proof of Eligibility**

**Effective between the dates of 10/12/2000 and 10/11/2005**

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

**Item 10.1:**

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 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.

**Condition 11: Compliance Certification**

**Effective between the dates of 10/12/2000 and 10/11/2005**

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

**Item 11.1:**

The Compliance Certification activity will be performed for the Facility.

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**Item 11.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

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.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500.0 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/10/2001 for the period 10/12/2000 through 10/11/2001

**Condition 12: Proof of Eligibility**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-3.3(a)**

**Item 12.1:**

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.

**Condition 13: Applicable Criteria, Limits, Terms, Conditions and Standards**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 13.1:**

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or



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ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

**Item 13.2:**

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 14: Cessation or Reduction of Permitted Activity Not a Defense  
Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 14.1:**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

**Condition 15: Compliance Requirements  
Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 15.1:**

The following information must be included in any required compliance monitoring records and reports:

- i. The date, place and time of sampling or measurements;
- ii. The date(s) analyses were performed;
- iii. The company or entity that performed the analyses;
- iv. The analytical techniques or methods used including quality assurance and quality control procedures if required;
- v. The results of such analyses including quality assurance data where required; and
- vi. The operating conditions as existing at the time of sampling or measurement;

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by the responsible official, consistent with Section 201-6.3 of Part 201.



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**Item 15.2:**

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

**Item 15.3:**

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 16: Federally-Enforceable Requirements  
Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 16.1:**

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.

**Condition 17: Fees  
Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 17.1:**

The permittee shall pay the required fees associated with this permit.

**Condition 18: Monitoring, Related Recordkeeping and Reporting  
Requirements  
Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 18.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the



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monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

**Condition 19: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 19.1:**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**Condition 20: Permit Shield**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 20.1:**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield. For those facilities for which a permit shield has been granted, compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

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iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Condition 21: Property Rights**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 21.1:**

This permit does not convey any property rights of any sort or any exclusive privilege.

**Condition 22: Reopening for Cause**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 22.1:**

This Title V permit shall be reopened and revised under any of the following circumstances:

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

**Item 22.2:**

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

**Item 22.3:**

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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**Condition 23: Right to Inspect**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 23.1:**

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 24: Severability**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 24.1:**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

**Condition 25: Emission Unit Definition**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 25.1:**

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

Emission Unit: U-00001

Emission Unit Description:

THREE SUPERIOR BOILERS (MODEL GC4RC5000)  
RATED AT 21.0 MILLION BTU/HR EACH, AND TWO  
CON-GENERATION ENGINES, CATERPILLAR (MODEL  
G3512) RATED AT 600 KW (804 HP). ALL FIVE  
SOURCE EXHAUST VIA A COMMON STACK (00001)  
TO AMBIENT AIR. EMISSIONS FROM THE CO-GENER  
ATION ENGINES HAVE BEEN STACK TESTED AND AN  
AIR QUALITY MODELING ANALYSIS WAS SUBMITTED



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IN APRIL 1992. BOILERS USE NUMBER 6 FUEL  
OIL AND CO-GENERATION ENGINES FIRE NATURAL  
GAS AS FUEL.

Building(s): 1

**Item 25.2:**

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

Emission Unit: U-00002

Emission Unit Description:

1 (ONE) CASTLE ETHYLENE OXIDE  
STERILIZER/AERATOR (MODEL - SYBRON) USED TO  
STERILIZE SURGICAL INSTRUMENTS AT SJRH. THE  
UNIT USES A MIXTURE OF ETHYLENE OXIDE (ETO)  
& REFRIGERANT GAS. THE MIXTURE IS SUPPLIED  
TO THE SYSTEM VIA A CYLINDER. EXHAUST GASES  
EXIT VIA A VENT (00002) TO AMBIENT AIR.  
THE UNIT IS TYPICALLY OPERATED ONCE A DAY.

**Condition 26: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)**

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with  
respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum  
frequency of every 6 months, based on a calendar year  
reporting schedule. These reports shall be submitted to  
the Department within 30 days after the end of a reporting  
period. All instances of deviations from permit  
requirements must be clearly identified in such reports.  
All required reports must be certified by the responsible  
official for this facility.

In the case of any condition contained in this permit with  
a reporting requirement of "Upon request by regulatory  
agency" the permittee shall include in the semiannual  
report, a statement for each such condition that the



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monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2001.  
Subsequent reports are due every 6 calendar month(s).

**Condition 27: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.5(e)**

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period

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consistent with the monitoring and related recordkeeping and reporting requirements of this permit;  
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;  
and  
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Region 3 Suboffice  
200 White Plains Road, 5th Floor  
Tarrytown, NY 10591-5805

The address for the BCME is as follows:

NYSDEC  
Bureau of Compliance Monitoring  
and Enforcement  
50 Wolf Road  
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2001.  
Subsequent reports are due on the same day each year

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**Condition 28: Required emissions tests**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 28.1:**

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.

**Condition 29: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 30: Recordkeeping requirements**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 30.1:**

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department

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upon request during normal business hours.

**Condition 31: Visible emissions limited.**  
Effective between the dates of 10/12/2000 and 10/11/2005

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 31.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 32: Facility receives an A rating**  
Effective between the dates of 10/12/2000 and 10/11/2005

**Applicable Federal Requirement: 6NYCRR 212.2**

**Item 32.1:**

Applicant must control ethylene oxide emissions to achieve 99% contaminant capture.

**Condition 33: Ethylene oxide is given an A environmental rating.**  
Effective between the dates of 10/12/2000 and 10/11/2005

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 33.1:**

**Condition 34: Environmental rating.**  
Effective between the dates of 10/12/2000 and 10/11/2005

**Applicable Federal Requirement: 6NYCRR 212.9(b)**

**Item 34.1:**

An A environmental rating is given to ethylene oxide.

**Condition 35: Installation of controls for Ethylene Oxide Sterilization Unit.**  
Effective between the dates of 10/12/2000 and 10/11/2005

**Applicable Federal Requirement: 6NYCRR 212.9(b)**

**Item 35.1:**

The facility shall achieve 99% capture of ethylene oxide by 9/2000.

**Condition 36: Open Fires Prohibited at Industrial and Commercial Sites**  
Effective between the dates of 10/12/2000 and 10/11/2005

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**Applicable Federal Requirement: 6NYCRR 215.**

**Item 36.1:**

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.

**Condition 37: Compliance Certification**

**Effective between the dates of 10/12/2000 and 10/11/2005**

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

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 37.2:**

Compliance Certification 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 residual oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.37 percent by weight

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 38: Compliance Certification**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 225-1.8**

**Item 38.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 39: Recycling and Emissions Reduction**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Item 39.1:**

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

**Condition 40: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

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**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 40.1:**

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 148

Diameter (in.): 20

NYTMN (km.): 4536.023 NYTME (km.): 593.833 Building: 1

**Item 40.2:**

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 128

Length (in.): 12

Width (in.): 24

NYTMN (km.): 4536.023 NYTME (km.): 593.833

**Condition 41: Process Definition By Emission Unit**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 41.1:**

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

Emission Unit: U-00001

Process: BOI

Source Classification Code: 1-03-004-01

Process Description:

3 SUPERIOR BOILERS BURNING NUMBER 6 FUEL OIL AS FUEL. FLUE GASES EXIT THRU SAME STACK AS CO-GEN PLANT EXHAUST. TYPICALLY, ONE BOILER IS OPERATED AT ANY GIVEN TIME. BOILERS ARE NOT EQUIPPED TO BURN NATURAL GAS. ACTUAL ANNUAL CONSUMPTION OF NUMBER 6 OIL FOR THE YEAR 1996 WAS 310,012 GALLONS. POTENTIALLY, THE BOILERS ARE CAPABLE OF CUMBUSTING 55,188,000 GALLONS OF NUMBER 6 FUEL.

Emission Source/Control: E0001 - Combustion

Design Capacity: 21 million Btu per hour

Emission Source/Control: E0002 - Combustion

Design Capacity: 21 million Btu per hour



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Emission Source/Control: E0003 - Combustion

Design Capacity: 21 million Btu per hour

**Item 41.2:**

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

Emission Unit: U-00001

Process: CNG

Source Classification Code: 2-03-002-04

Process Description:

2 CO-GENERATION ENGINES BURNING NATURAL GAS AS FUEL. FLUE GASES EXIT THRU SAME STACK AS BOILER EXHAUST. TYPICALLY, BOTH ENGINES ARE OPERATED SIMULTANEOUSLY. ENGINES ARE NOT EQUIPPED TO BURN FUEL OIL. ACTUAL ANNUAL CONSUMPTION OF NATURAL GAS FOR THE YEAR 1 996 WAS 83,655,001 CUBIC FEET. POTENTIALLY, THE ENGINES ARE CAPABLE OF COMBUSTING 115,316,640 CUBIC FEET OF NATURAL GAS.

Emission Source/Control: E0004 - Combustion

Design Capacity: 600 kilowatts

Emission Source/Control: E0005 - Combustion

Design Capacity: 600 kilowatts

**Item 41.3:**

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

Emission Unit: U-00002

Process: ETO

Source Classification Code: 3-15-020-01

Process Description:

1 (ONE) ETHYLENE OXIDE STERILIZER/AERATOR UNIT UTILIZING ETO FOR STERILIZING SURGICAL TOOLS. TYPICALLY OPERATED ONCE A DAY. STERILIZER/AERATOR IS NOT EQUIPPED WITH AN ABATOR (AIR POLLUTION CONTROL DEVICE).

Emission Source/Control: E0006 - Process

Design Capacity: 100 grams

**Condition 42: Compliance Certification**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 42.1:**

The Compliance Certification activity will be performed for:

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Emission Unit: U-00001

**Item 42.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - weather condition
  - was a plume observed?

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

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

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for acceptance.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 57 percent

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER HOUR

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 43: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

**Item 43.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

Operators of air contamination sources that are not exempt



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from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- weather condition
- was a plume observed?

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION



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Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2001.  
Subsequent reports are due every 6 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)(2)**

**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Opacity monitored by CEM limited to twenty percent on a six minute average.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40CFR60 ApA Me9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 02/10/2001 for the period 10/12/2000 through 01/11/2001

**Condition 45: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 45.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: BOI

Emission Source: E0001

**Item 45.2:**

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 46: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 46.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: BOI

Emission Source: E0002

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 47: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4(d)**

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001



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Process: BOI

Emission Source: E0003

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 48: Compliance Certification**

**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)(i)**

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: CNG

Emission Source: E0004

Regulated Contaminant(s):

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

**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Any owner or operator of a stationary internal combustion engine of 225 horsepower or larger in the severe nonattainment area, and 400 horsepower in the rest of the State, which provides primary power or is used for peak shaving generation must comply with the emission limit below.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.0 grams per brake horsepower-hour

Reference Test Method: EPA RM 7E

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**New York State Department of Environmental Conservation**

Permit ID: 3-5518-00222/00007

Facility DEC ID: 3551800222



**Condition 49: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)(i)**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: CNG                      Emission Source: E0005

Regulated Contaminant(s):

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

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Any owner or operator of a stationary internal combustion engine of 225 horsepower or larger in the severe nonattainment area, and 400 horsepower in the rest of the State, which provides primary power or is used for peak shaving generation must comply with the emission limit below.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.0 grams per brake horsepower-hour

Reference Test Method: EPA RM 7E

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 50: Compliance Certification**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.3**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001

Process: BOI

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

**New York State Department of Environmental Conservation**

**Permit ID: 3-5518-00222/00007**

**Facility DEC ID: 3551800222**



Monitoring Description:

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

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

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

- weather condition
- was a plume observed?

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

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

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

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



**New York State Department of Environmental Conservation**

Permit ID: 3-5518-00222/00007

Facility DEC ID: 3551800222



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 52: General Provisions**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable State Requirement: 6NYCRR 201-5.**

**Item 52.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 52.2:**

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.

**Item 52.3:**

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.

**Condition 53: Contaminant List**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 53.1:**

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

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

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

**Condition 54: Air pollution prohibited**  
**Effective between the dates of 10/12/2000 and 10/11/2005**

**New York State Department of Environmental Conservation**

**Permit ID: 3-5518-00222/00007**

**Facility DEC ID: 3551800222**



**Applicable State Requirement: 6NYCRR 211.2**

**Item 54.1:**

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.